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URBAN DISTRICT OF HEANOR

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# ANNUAL REPORT

OF THE

Medical Officer of Health

AND

Chief Sanitary Inspector

FOR

THE YEAR 1952

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**P. H. J. TURTON, M.D., Ch.B. (Edin.), D.P.H. (Vict.).**  
Medical Officer of Health.

**H. W. JEFFORD, M.R.San.I., M.S.I.A.,**  
Chief Sanitary Inspector.

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HEANOR

Arthur Gaunt & Sons (Printers) Limited  
Market Place





# **HEANOR URBAN DISTRICT COUNCIL**

**1952.**

*Chairman of the Council:* COUNCILLOR H. ENGLAND.

*Vice-Chairman:* COUNCILLOR H. E. PARKIN.

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## **PUBLIC HEALTH COMMITTEE.**

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*Vice-Chairman:* COUNCILLOR Mrs. E. CALLADINE.

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## **PUBLIC HEALTH STAFF.**

*Medical Officer of Health:*

(a) (b) P. H. J. TURTON, M.D., Ch.B. (Edin.), D.P.H. (Vict.).

*Chief Sanitary Inspector and Cleansing Superintendent:*

(a) H. W. JEFFORD, CERT.S.I.J.B., M.R., San.I. M.S.I.A.

*Additional Sanitary Inspector:*

(a) E. WHEELER, CERT.S.I.J.B.

*Clerk :* S. B. PARKIN.

*Shops Inspector:* C. G. BASSFORD.

*Rodent Operative:* (b) A. F. GREEN

(a) Salaries contributed to under Exchequer Grants.

(b) Part time.



**ANNUAL REPORT**  
**OF THE**  
**MEDICAL OFFICER OF HEALTH**  
**FOR**  
**THE YEAR 1952**

To the Chairman and Members of the  
Heanor Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you my report on the health of the Heanor Urban District for the year 1952.

**Population and Birth Rate.**

The mid-year estimate of population made by the Registrar-General was 24,220, this being 130 below that of the preceding year. It is almost certain that this decline in population will continue slowly at first, but in time, will gather momentum. The birth-rate was 14.61, compared with 16.59 in 1951. There were 354 births (180 males, 174 females), compared with 404 in 1951.

**Causes of Death and Death Rate.**

The principal causes of death are set out in Table 3. Diseases of the heart and circulation caused 42 per cent. of the total, and malignant disease 22 per cent. Five deaths were due to cancer of the lung and bronchus. Ten deaths were due to accidental causes ; three of these were motor vehicle accidents. The death-rate was 8.67 per 1,000 compared with 10.43 in 1951.

### **Infantile Death Rate.**

For the year under review this was 31.07 per 1,000 live births compared with 32.17 for 1951. The rate for 1952 is satisfactory, for although it is slightly above that for England and Wales or the 160 smaller towns, it is below that of the 160 County Boroughs and great towns including London. Table 1.

The death-rate from puerperal causes was 2.72 per 1,000 total births, live and still. Table 2.

The puerperal pyrexia notification rate was 10.89 per 1,000 births compared with 17.87 for England and Wales. Table 2.

### **Prevalence and Control over Notifiable Infectious Diseases.**

The total number of infectious diseases notified during 1952 was 296, compared with 1,064 in 1951. Measles accounted for 114, scarlet fever for 76, and whooping cough for 55 cases. There were no cases of diphtheria, enteric fever, or smallpox during the year. Table 4.

### **Tuberculosis.**

During the year, thirty-one new cases of pulmonary tuberculosis (nineteen males, twelve females) were notified, this being an increase of nineteen compared with 1951. Three new cases of non-pulmonary tuberculosis were notified during 1952, compared with four cases in 1951. There were four deaths from pulmonary tuberculosis, this being the same number as in 1951.

In the early part of October, my attention was drawn to the fact that in the period March-September, three cases of tuberculous meningitis and one case of tuberculous pleurisy with effusion had been notified in children attending Commonsides Infants' School, and it was decided to call in the Medical Director of the Nottingham Area No. 2 Mass Radiography Unit, as well as the County Chest Physician, Dr. C. Kingston, in order to trace the obvious common source of infection.

During the period 17th November-3rd December, a total of 1,489 school children and 1,731 members of the general public were X-rayed, details of which will be found in the accompanying tables supplied by Dr. W. Guthrie. The following remarks are largely taken from his report to me dated the 19th December, 1952. At Commonsides School, one member of the staff was found to be suffering from active pulmonary tuberculosis, and was immediately transferred to hospital for isolation and treatment.

I am certain that this unfortunate person was totally unaware of her real condition, and that no blame is to be attached to her. But it will be observed that 42.96 per cent. of the children and 69.38 per cent. of the children in one class were Mantoux positive.

This survey was different in many respects from last year. Last year the general public, factory workers, and school children of fourteen years of age and over, were X-rayed by appointment only. This year all the X-ray sessions were open ones for the general public, and only school children under fourteen years of age at Commonsides, and certain other schools to which children from Commonsides normally went, were X-rayed because cases of tuberculosis had already been found in some of the pupils (three cases of tuberculous meningitis and one case of tuberculous pleurisy) and one of the staff at Commonsides. During the survey, appointments were not issued to factory employees. It is, therefore, difficult to compare this survey with last year's, but an attempt has been made by comparing last year's survey with the number of examinees aged fourteen years of age and over who were X-rayed this time. If this is done, it will be seen that the response this time at Heanor was much the same as the response last year. As usual the response on the part of the school children was good, being on an average about 90 per cent. It is also interesting to note that 25 per cent. of the general public who were X-rayed this time were X-rayed last year.

In the group fourteen years of age and over, three cases of active pulmonary tuberculosis were discovered, this being an incidence of 0.14 per cent. Last year the incidence was 0.05 per cent., but 0.14 per cent. is no higher than the average incidence for this type of survey. Seven cases of observation pulmonary tuberculosis were discovered, this being an incidence of 0.32 per cent. This also is higher than last year which was 0.25 per cent, but again is not higher than the average incidence for this type of survey. Three of these cases of observation pulmonary tuberculosis were X-rayed last year when their X-rays were normal. This shows the value of periodic X-ray. All the cases of active and observation pulmonary tuberculosis were referred to the Chest Physician for treatment or further investigation. Six cases of inactive pulmonary tuberculosis were discovered. The incidence of this form of tuberculosis is not given, as some cases diagnosed on the X-ray film alone are not included in the statistics. All these are healed cases of pulmonary tuberculosis, and no further action was necessary in their case.

As regards the school children under fourteen years of age, ten cases of observation primary tuberculosis were discovered. Eight of these were girls, and all came from Commonside School. In addition, three cases of tuberculous meningitis had been found previously and treated in hospital and also one girl with acute tuberculous pleurisy. One boy came from Mundy Street School, who up to July had been at Commonside School. The other boy was thirteen years of age and came from Loscoe Road School. All these cases were referred to the Chest Physician and were put under Dispensary supervision by him. Subsequently eight of these cases were admitted to Draycott Isolation Hospital. All did well and were discharged, cured. Dr. Guthrie was of the opinion, and Dr. Kingston concurred that all these Commonside cases must have been infected from a common source and so it turned out. It must be remembered that normally in children under fourteen years of age, only an occasional case of primary pulmonary tuberculosis (requiring observation) is found. The incidence discovered at Commonside must be regarded as being very high indeed. Incidentally all these cases were Mantoux positive.

The recommendations of the Joint Tuberculosis Council regarding the protection of organised groups of children against risks of infection by adults were, inter alia, that :—

Persons whose employment brings them into close contact with groups of children should have an X-ray of the chest annually. This is done in the case of staffs of day nurseries and it would appear to be equally necessary in the case of staffs of infant and other schools.

**MASS RADIOGRAPHY SURVEY AT HEANOR.**  
17th November to 3rd December, 1952.

| Miniature Films      | Number X-rayed |      |       | Number Available |     |       | % X-rayed |     |       | Number 14 years + X-rayed 1952 |      |       | Number 14 years + X-rayed 1951 = Total X-rayed |      |       | Number and % X-rayed a Second Time |              |              | Number and % Bringing Envelopes |              |               |
|----------------------|----------------|------|-------|------------------|-----|-------|-----------|-----|-------|--------------------------------|------|-------|------------------------------------------------|------|-------|------------------------------------|--------------|--------------|---------------------------------|--------------|---------------|
|                      | M              | F    | Total | M                | F   | Total | M         | F   | Total | M                              | F    | Total | M                                              | F    | Total | M                                  | F            | Total        | M                               | F            | Total         |
| General Public       | 769            | 962  | 1731  | —                | —   | —     | —         | —   | —     | 769                            | 962  | 1731  | —                                              | —    | —     | 178<br>(23%)                       | 243<br>(25%) | 421<br>(24%) | 753<br>(97%)                    | 530<br>(55%) | 1283<br>(74%) |
| Mundy Street         | 155            | —    | 155   | 189              | —   | 189   | 82%       | —   | —     | 10                             | —    | 10    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Loscoe Road          | 336            | 411  | 747   | 409              | 443 | 852   | 82%       | 92% | 87%   | 35                             | 60   | 95    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Heanor Grammar       | 79             | 74   | 153   | 90               | 79  | 169   | 87%       | 93% | 90%   | 79                             | 74   | 153   | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Marlpool Boys        | 10             | —    | 10    | 21               | —   | 21    | 50%       | —   | 50%   | 10                             | —    | 10    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Codnor Secondary     | 44             | 26   | 70    | 47               | 36  | 83    | 97%       | 72% | 84%   | 44                             | 26   | 70    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Langley Mill Boys    | 39             | —    | 39    | 39               | —   | 39    | 100%      | —   | 100%  | 34                             | —    | 34    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Langley Mill Girls   | —              | 60   | 60    | —                | 67  | 67    | —         | 90% | 90%   | 58                             | —    | 58    | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Commonside           | 65             | 72   | 137   | 69               | 73  | 142   | 94%       | 98% | 96%   | —                              | —    | —     | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| Lockton Avenue       | —              | 118  | 118   | —                | 125 | 125   | —         | 94% | 94%   | —                              | —    | —     | —                                              | —    | —     | —                                  | —            | —            | —                               | —            | —             |
| <b>TOTAL SCHOOLS</b> | 728            | 761  | 1489  | 864              | 823 | 1687  | 87%       | 92% | 88%   | —                              | —    | —     | —                                              | —    | —     | —                                  | —            | —            | 47<br>(61%)                     | 96<br>(12%)  | 143<br>(9%)   |
| <b>GRAND TOTAL</b>   | 1497           | 1723 | 3220  | —                | —   | —     | —         | —   | —     | 981                            | 1180 | 2161  | 928                                            | 1159 | 2087  | —                                  | —            | —            | 800<br>(53%)                    | 626<br>(36%) | 1426<br>(44%) |

# MASS RADIOGRAPHY SURVEY HEANOR SCHOOLS

17th November — 3rd December, 1952.

|                        | No.<br>X-rayed | No.<br>Available | Percentage<br>X-rayed |
|------------------------|----------------|------------------|-----------------------|
| Mundy Street ...       | 155            | 189              | 82%                   |
| Loscoe Road...         | 747            | 852              | 87%                   |
| Heanor Grammar ...     | 153            | 169              | 90%                   |
| Marlpool Boys ...      | 10             | 21               | 50%                   |
| Codnor Secondary ...   | 70             | 83               | 84%                   |
| Langley Mill Boys ...  | 39             | 39               | 100%                  |
| Langley Mill Girls ... | 60             | 67               | 90%                   |
| Commonside ...         | 137            | 142              | 96%                   |
| Lockton Avenue ...     | 118            | 125              | 94%                   |

Of the above, ten children were referred to Ilkeston Chest Clinic, viz :—

Observation Primary Tuberculosis

8 Females (all Commonside School).

2 Males (one Loscoe Road and one Mundy Street.  
The latter attended Commonside School until July, 1952).

All these children were notified.

## MANTOUX TESTS—COMMONSIDE SCHOOL 28th November, 1952

| Class       | Age Group | Mantoux Positive      | Mantoux Negative | Percentage Mantoux + | Total M. Tested | Absent |
|-------------|-----------|-----------------------|------------------|----------------------|-----------------|--------|
| Babies ...  | 5         | 10 { 5G<br>5B<br>21G  | 34               | 22.73                | 44              | 5      |
| Class 1 ... | 6—7       | 34 { 13B<br>4G<br>10B | 15               | 69.38                | 49              | 1      |
| Class 2 ... | 5—6       | 14 { 4G<br>10B        | 28               | 33.33                | 42              | 2      |
| Total ...   |           | 58 { 30G<br>28B       | 77               | 42.96                | 135             | 8      |

Notified Cases at Commonside School : Class 1—5 girls  
Class 2—1 girl  
Babies —2 girls

Arrangements will be made for the eight Absentees recorded above to be Mantoux tested at an early date.

All Mantoux Positive children from Commonside (except those in hospital or under Clinic supervision) will be X-rayed early in March, 1953.

## Diphtheria.

No cases were notified. The last confirmed case was notified on 13th November, 1946, and the last recorded death was on the 3rd March, 1946. This is a striking testimony to the effectiveness of mass immunisation against diphtheria, but if we are to remain free from this scourge, it is vitally necessary that the percentage of the under fives immunised should not fall below 75 per cent. In 1951, 377 cases were immunised, but in 1952 the figure fell to 277, this being a drop in numbers not accounted for by the reduction in births.

The following details of immunisations carried out in 1952 were supplied by the County Medical Officer :—

| Age.                           | No.<br>immunised. |
|--------------------------------|-------------------|
| Under 1 year ... ..            | 4                 |
| 1 year ... ..                  | 176               |
| 2 years ... ..                 | 55                |
| 3 years ... ..                 | 16                |
| 4 years ... ..                 | 7                 |
| 5-9 years (inclusive) ... ..   | 16                |
| 10-14 years (inclusive) ... .. | 3                 |
| Total ... ..                   | <hr/> 277 <hr/>   |

## Smallpox.

No cases were notified during the year.

## Scarlet Fever.

Seventy-six cases were notified during the year, this being a notification rate of 3.13 per 1,000 of the population compared with 1.53 per 1,000 for England and Wales. Table 2. Eighteen cases were removed to hospital.

## Enteric Fever.

No cases were notified during the year.

## Food Poisoning.

Three cases were notified during the year, all of which appeared to be ordinary cases of non-specific gastro-enteritis not requiring special investigation. None was removed to hospital.

### **Puerperal Pyrexia.**

Four cases were notified. One was removed to hospital. One death arose from childbirth, and the maternal mortality rate was 2.72 per 1,000 of the population. Table 2.

### **Pneumonia.**

Thirty-five cases were notified. The notification rate was 1.44 per 1,000 of the population. Table 2. No records of the number removed to hospital are available.

### **Measles.**

One hundred and fourteen cases were notified. No deaths occurred. The notification rate was 4.70 per 1,000, the rate for England and Wales being 8.86. Table 2.

### **Whooping Cough.**

Fifty-five cases were notified. No deaths occurred. The notification rate was 2.27 per 1,000, the rate for England and Wales being 2.61. The number removed to hospital is not known, but as a preventive measure is not encouraged. As regards control, a small beginning has been made by giving combined diphtheria and pertussis prophylactic, as an efficient vaccine for whooping cough is now available. The best results are obtained by giving three injections at monthly intervals, and mothers who bring their children up for immunisation almost invariably request for the combined prophylactic against diphtheria and pertussis to be given. My own clinical experience is that even if the pertussis vaccine is not 100 per cent. effective, it does modify the severity of the attack considerably, and the mothers are beginning to know this. So far we have not proceeded long enough to assess results, but the effort to diminish the incidence as well as the severity of the attack is worth while.

### **Erysipelas.**

Six cases were notified. None was removed to hospital.

### **Cerebro-Spinal Fever.**

One case was notified and treated in hospital.

### **Acute Poliomyelitis.**

No case was notified.

## **WATER SUPPLY.**

The water supply is satisfactory, both in quantity and quality, but owing to mining subsidence a considerable amount of water runs to waste, and occasionally the bacteriological analyses show evidence of faecal pollution. On two or three occasions in the past, small amounts of lead have been found.

The fluorine content of the water varies from 1.0 to 1.5 parts per million, but so far only very few estimations have been done. More recently it has been decided to estimate the fluorine content at two-monthly intervals.

## **SEWAGE AND SEWAGE DISPOSAL.**

The only additions and extensions during 1952 have been to new housing sites. The whole system is in very bad shape through damage by mining subsidence, and stands in urgent need of repair and overhaul which will involve the district in very heavy capital expenditure. Especially, the works at Crosshill are outmoded and incapable of taking the load and dealing with it efficiently.

## **NEW LEGISLATION.**

No new legislation was adopted during the year.

## **CONCLUSION.**

The public health during 1952 has been good on the whole. With the exception of the unfortunate outbreak of pulmonary tuberculosis at Commonsides School, there have been no serious outbreaks of notifiable infectious disease. The results of the X-ray survey done by the Mass Radiography Unit have proved the great value of this measure in tracking down unsuspected tuberculosis, and arrangements have been made for this unit to pay a visit yearly and go over all the schools in the district. It is to be hoped that it will be possible to include teaching staffs as well as a considerable cross-section of the general public. Now, as to the fluorine content of the water supply ; the presence of 1.0 to 1.5 parts per million is regarded as well within safe limits for a public supply, but it must be remembered that there are other sources of

this element, such as dusts, arising from the use of inferior grades of fuel causing atmospheric pollution. I am of the opinion that clinical manifestations of bone disease such as osteoarthritis of the spine and other parts of the skeleton which is associated with fluorine, are on the increase especially in those native to this area over 30 years of age. The symptoms arising therefrom may be of a psychoneurotic or hysterical nature, but the underlying cause is certainly not neurotic.

I desire to express my thanks to the members of the department for their help and loyal co-operation during the year, and also to express my appreciation for the courtesy extended towards me personally by all the members of the Council.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

PHILIP TURTON,

*Medical Officer of Health.*

# STATISTICS AND SOCIAL CONDITIONS.

|                                   |          |
|-----------------------------------|----------|
| Area (in acres) ... ..            | 4,636    |
| Population (mid-year) ... ..      | 24,220   |
| Number of Inhabited Houses ... .. | 7,137    |
| Rateable Value ... ..             | £112,492 |
| Product of Penny Rate ... ..      | £442     |

|                     |  |  |  |  |       |         |       |
|---------------------|--|--|--|--|-------|---------|-------|
| LIVE BIRTHS:—       |  |  |  |  | Males | Females | Total |
| Legitimate ... ..   |  |  |  |  | 173   | 168     | 341   |
| Illegitimate ... .. |  |  |  |  | 7     | 6       | 13    |
| Totals ...          |  |  |  |  | 180   | 174     | 354   |

BIRTH RATE per 1,000 of the estimated population ... .. 14.61

|                     |  |  |  |  |       |         |       |
|---------------------|--|--|--|--|-------|---------|-------|
| STILL BIRTHS:—      |  |  |  |  | Males | Females | Total |
| Legitimate ... ..   |  |  |  |  | 5     | 6       | 11    |
| Illegitimate ... .. |  |  |  |  | 1     | 1       | 2     |
| Totals ...          |  |  |  |  | 6     | 7       | 13    |

RATE of STILL BIRTHS per 1,000 total (live and still) births ... .. 35.42

DEATH RATE per 1,000 of the estimated population ... .. 8.67

## DEATHS and DEATH RATES from PUERPERAL CAUSES:—

|                                        |               |                                         |
|----------------------------------------|---------------|-----------------------------------------|
|                                        | No. of Deaths | Rate per 1,000 of Live and Still Births |
| Pregnancy, Childbirth, Abortion ... .. | 1             | 2.72                                    |

## DEATHS of INFANTS under 1 year of age:—

|                     |       |         |       |
|---------------------|-------|---------|-------|
|                     | Males | Females | Total |
| Legitimate ... ..   | 8     | 3       | 11    |
| Illegitimate ... .. | 0     | 0       | 0     |
| Totals ...          | 8     | 3       | 11    |

DEATH RATE of INFANTS under 1 year of age:—

|                                                                  |       |
|------------------------------------------------------------------|-------|
| All infants (per 1,000 live births) ... ..                       | 31.07 |
| Legitimate infants (per 1,000 legitimate live births) ... ..     | 32.25 |
| Illegitimate infants (per 1,000 illegitimate live births) ... .. | Nil   |

DEATHS of INFANTS under 4 weeks of age:—

|                     | Males | Females | Total |
|---------------------|-------|---------|-------|
| Legitimate ... ..   | 5     | 2       | 7     |
| Illegitimate ... .. | 0     | 0       | 0     |
|                     | —     | —       | —     |
| Totals ... ..       | 5     | 2       | 7     |
|                     | —     | —       | —     |

DEATHS and DEATH RATES from:—

|                                         | No. of Deaths | Rate per 1,000 of estimated population |
|-----------------------------------------|---------------|----------------------------------------|
| Cancer (all ages) ... ..                | 47            | 1.94                                   |
| Measles (all ages) ... ..               | 0             | 0.00                                   |
| Whooping Cough (all ages) ... ..        | 0             | 0.00                                   |
| Diarrhoea (under 2 years of age) ... .. | 0             | 0.00                                   |

INFANTILE MORTALITY.—The infantile mortality rate for the year under review was 31.07 per 1,000 live births, compared with 32.17 in 1951, 27.84 in 1950, 51.91 in 1949, 47.52 in 1948, 29.35 in 1947, 61.36 in 1946, and 50.39 in 1945.

TABLE 1.

## BIRTH RATES, DEATH RATES AND ANALYSIS OF MORTALITY DURING THE YEAR.

|                                                            | Birth Rate<br>per 1,000<br>Population. |              | Annual Death-Rate per 1,000 Home Population |                                   |                |            |              |           |          |                                              | Rate per 1,000<br>Live Births. |           |
|------------------------------------------------------------|----------------------------------------|--------------|---------------------------------------------|-----------------------------------|----------------|------------|--------------|-----------|----------|----------------------------------------------|--------------------------------|-----------|
|                                                            | Live Births                            | Still Births | All<br>Causes                               | Typhoid and<br>Paratyphoid Fevers | Whooping Cough | Diphtheria | Tuberculosis | Influenza | Smallpox | Acute Poliomyelitis and<br>Polioencephalitis |                                | Pneumonia |
| England and Wales                                          | 15.3                                   | 0.35         | 11.3                                        | 0.00                              | 0.00           | 0.00       | 0.24         | 0.04      | 0.00     | 0.01                                         | 0.47                           | 27.6      |
| 160 County Boroughs<br>and Great Towns<br>including London | 16.9                                   | 0.43         | 12.1                                        | 0.00                              | 0.00           | 0.00       | 0.28         | 0.04      | —        | 0.01                                         | 0.52                           | 31.2      |
| 160 Smaller Towns<br>25,000 - 50,000<br>at 1951 Census     | 15.5                                   | 0.36         | 11.2                                        | 0.00                              | 0.00           | 0.00       | 0.22         | 0.04      | —        | 0.00                                         | 0.43                           | 25.8      |
| London ... ..                                              | 17.6                                   | 0.34         | 12.6                                        | 0.00                              | 0.00           | 0.00       | 0.31         | 0.05      | —        | 0.01                                         | 0.58                           | 23.8      |
| Heanor U.D. ...                                            | 14.61                                  | 0.53         | 8.67                                        | 0.00                              | 0.00           | 0.00       | 0.16         | 0.04      | 0.00     | 0.00                                         | 0.37                           | 31.07     |

TABLE 2

## MATERNAL MORTALITY AND CASE RATES FOR CERTAIN INFECTIOUS DISEASES DURING THE YEAR.

|                                                            | Rates per 1,000<br>Total Births<br>(Live and Still) |                    | Notifications<br>Rates per 1,000 Home Population. |                   |                         |               |                |            |            |          |         |           |                                                            |                |                        |                |
|------------------------------------------------------------|-----------------------------------------------------|--------------------|---------------------------------------------------|-------------------|-------------------------|---------------|----------------|------------|------------|----------|---------|-----------|------------------------------------------------------------|----------------|------------------------|----------------|
|                                                            | Puerperal Pyrexia<br>Notifications                  | Maternal Mortality | Typhoid Fever                                     | Paratyphoid Fever | Meningococcal Infection | Scarlet Fever | Whooping Cough | Diphtheria | Erysipelas | Smallpox | Measles | Pneumonia | Acute<br>Poliomyelitis<br>(including<br>Polioencephalitis) | Para-<br>lytic | Non-<br>Para-<br>lytic | Food Poisoning |
| England and Wales                                          | 17.87                                               | 0.72               | 0.00                                              | 0.02              | 0.03                    | 1.53          | 2.61           | 0.01       | 0.14       | 0.00     | 8.86    | 0.72      | 0.06                                                       | 0.03           |                        | 0.13           |
| 160 County Boroughs<br>and Great Towns<br>including London | 23.94                                               | —                  | 0.00                                              | 0.02              | 0.03                    | 1.75          | 2.74           | 0.01       | 0.15       | 0.00     | 10.11   | 0.80      | 0.06                                                       | 0.03           |                        | 0.16           |
| 160 Smaller Towns<br>25,000 - 50,000<br>at 1951 Census     | 10.22                                               | —                  | 0.00                                              | 0.03              | 0.03                    | 1.58          | 2.57           | 0.03       | 0.12       | 0.00     | 8.49    | 0.62      | 0.06                                                       | 0.02           |                        | 0.11           |
| London                                                     | 30.77                                               | —                  | 0.00                                              | 0.01              | 0.02                    | 1.56          | 1.66           | 0.01       | 0.14       | —        | 9.23    | 0.57      | 0.06                                                       | 0.03           |                        | 0.18           |
| Heanor U.D.                                                | 10.89                                               | 2.72               | 0.00                                              | 0.00              | 0.04                    | 3.13          | 2.27           | 0.00       | 0.24       | 0.00     | 4.70    | 1.44      | 0.00                                                       | 0.00           |                        | 0.12           |

TABLE 3

## VARIOUS CAUSES OF DEATH DURING THE YEAR.

|                                                | Total | M.  | F. |
|------------------------------------------------|-------|-----|----|
| Tuberculosis of Respiratory System ... ..      | 4     | 2   | 2  |
| Other Forms of Tuberculosis ... ..             | 0     | 0   | 0  |
| Syphilitic Disease ... ..                      | 0     | 0   | 0  |
| Diphtheria ... ..                              | 0     | 0   | 0  |
| Whooping Cough ... ..                          | 0     | 0   | 0  |
| Meningococcal Infections ... ..                | 0     | 0   | 0  |
| Acute Poliomyelitis ... ..                     | 0     | 0   | 0  |
| Measles ... ..                                 | 0     | 0   | 0  |
| Other Infective and Parasitic Diseases ... ..  | 1     | 0   | 1  |
| Malignant Neoplasm—Stomach ... ..              | 9     | 5   | 4  |
| „ „ —Lung, Bronchus ... ..                     | 5     | 3   | 2  |
| „ „ —Breast ... ..                             | 1     | 0   | 1  |
| „ „ —Uterus ... ..                             | 1     | 0   | 1  |
| Other Malignant and Lymphatic Neoplasms ... .. | 31    | 15  | 16 |
| Leukaemia, Aleukaemia ... ..                   | 0     | 0   | 0  |
| Diabetes ... ..                                | 0     | 0   | 0  |
| Vascular Lesions of nervous system ... ..      | 26    | 14  | 12 |
| Coronary Disease, Angina ... ..                | 18    | 12  | 6  |
| Hypertension with Heart Disease ... ..         | 6     | 6   | 0  |
| Other Heart Disease ... ..                     | 27    | 17  | 10 |
| Other Circulatory Disease ... ..               | 12    | 5   | 7  |
| Influenza ... ..                               | 1     | 1   | 0  |
| Pneumonia ... ..                               | 9     | 7   | 2  |
| Bronchitis ... ..                              | 9     | 7   | 2  |
| Other Disease of Respiratory System ... ..     | 2     | 2   | 0  |
| Ulcer of Stomach and Duodenum ... ..           | 5     | 3   | 2  |
| Gastritis, Enteritis and Diarrhoea ... ..      | 0     | 0   | 0  |
| Nephritis and Nephrosis ... ..                 | 6     | 1   | 5  |
| Hyperplasia of Prostate ... ..                 | 4     | 4   | 0  |
| Pregnancy, Childbirth, Abortion ... ..         | 1     | 0   | 1  |
| Congenital Malformations ... ..                | 0     | 0   | 0  |
| Other Defined and ill-defined diseases ... ..  | 21    | 13  | 8  |
| Motor Vehicle Accidents ... ..                 | 3     | 2   | 1  |
| All other accidents ... ..                     | 7     | 5   | 2  |
| Suicide ... ..                                 | 1     | 1   | 0  |
| Homicide and Operations of War ... ..          | 0     | 0   | 0  |
| All Causes ... ..                              | 210   | 125 | 85 |

TABLE 4  
PREVALENCE OF NOTIFIABLE DISEASES.

| DISEASE                          | NO. OF CASES NOTIFIED MONTHLY |          |       |       |     |      |      |        |           |         |          |          | TOTAL | TOTAL CASES NOTIFIED IN EACH WARD. |              |                  |        |        |
|----------------------------------|-------------------------------|----------|-------|-------|-----|------|------|--------|-----------|---------|----------|----------|-------|------------------------------------|--------------|------------------|--------|--------|
|                                  | January                       | February | March | April | May | June | July | August | September | October | November | December |       | Heanor                             | Langley Mill | Langley & Marple | Loscoe | Codnor |
| Scarlet Fever                    | 7                             | 15       | 7     | 8     | 6   | 6    | 4    | 1      | 2         | 5       | 9        | 6        | 76    | 33                                 | 2            | 16               | 8      | 17     |
| Whooping Cough                   | 4                             | 4        | 11    | 6     | 4   | 2    | 3    | 4      | 6         | 2       | —        | 9        | 55    | 11                                 | 2            | 23               | 9      | 10     |
| Diphtheria                       | —                             | —        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Measles                          | 1                             | 2        | 13    | 53    | 9   | 8    | 5    | 2      | 4         | 2       | 11       | 4        | 114   | 56                                 | 3            | 10               | 21     | 24     |
| Pneumonia                        | 6                             | 8        | 6     | 2     | 1   | 1    | 3    | —      | —         | —       | —        | 7        | 35    | 18                                 | 2            | 7                | 5      | 3      |
| Meningococcal Infection          | —                             | —        | 1     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Acute Poliomyelitis              | —                             | —        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Dysentery                        | —                             | —        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Ophthalmia Neonatorum            | —                             | —        | —     | —     | 1   | —    | 1    | —      | —         | —       | —        | 1        | 4     | 1                                  | 1            | 1                | 2      | 2      |
| Puerperal Pyrexia                | —                             | 1        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Smallpox                         | —                             | —        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Enteric Fever (inc. Paratyphoid) | —                             | —        | —     | —     | —   | —    | —    | —      | —         | —       | —        | —        | —     | —                                  | —            | —                | —      | —      |
| Erysipelas                       | 2                             | —        | 2     | —     | —   | 1    | —    | —      | —         | 1       | —        | —        | 6     | 1                                  | 2            | 2                | —      | 1      |
| Food Poisoning                   | —                             | —        | —     | —     | —   | —    | —    | 1      | 1         | —       | —        | —        | 3     | 1                                  | —            | 1                | —      | 1      |
| TOTALS                           | 20                            | 30       | 40    | 69    | 21  | 18   | 16   | 8      | 13        | 10      | 23       | 28       | 296   | 122                                | 12           | 60               | 44     | 58     |

TABLE 5  
CASES OF NOTIFIABLE DISEASES AT VARYING AGES.

| DISEASE.                         | Under<br>1 Year | AGE GROUPS |    |    |    |     |     |     |     |     |     | TOTAL |     |
|----------------------------------|-----------------|------------|----|----|----|-----|-----|-----|-----|-----|-----|-------|-----|
|                                  |                 | 1—         | 2— | 3— | 4— | 5—  | 10— | 15— | 20— | 35— | 45— |       | 60— |
| Scarlet Fever ...                | 2               | 4          | 5  | 3  | 15 | 41  | 5   | —   | 1   | —   | —   | —     | 76  |
| Whooping Cough ...               | 6               | 6          | 3  | 11 | 11 | 18  | —   | —   | —   | —   | —   | —     | 55  |
| Diphtheria ...                   | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | —   |
| Measles ...                      | 6               | 8          | 11 | 24 | 17 | 47  | 1   | —   | 2   | 3   | 10  | 7     | 114 |
| Pneumonia ...                    | 4               | —          | —  | 1  | 2  | 5   | —   | —   | —   | —   | —   | —     | 35  |
| Meningococcal Infection ...      | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | 1   |
| Acute Poliomyelitis ...          | —               | —          | —  | —  | —  | —   | 1   | —   | —   | —   | —   | —     | —   |
| Dysentery ...                    | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | —   |
| Ophthalmia Neonatorum ...        | 1               | —          | —  | —  | —  | —   | —   | 1   | 3   | —   | —   | —     | 4   |
| Puerperal Pyrexia ...            | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | —   |
| Smallpox ...                     | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | —   |
| Enteric Fever (inc. Paratyphoid) | —               | —          | —  | —  | —  | —   | —   | —   | —   | 3   | —   | 2     | 6   |
| Erysipelas ...                   | —               | —          | —  | —  | —  | —   | —   | —   | 1   | —   | —   | —     | 3   |
| Food Poisoning ...               | —               | —          | —  | —  | —  | —   | —   | —   | —   | —   | —   | —     | —   |
| TOTALS ...                       | 19              | 18         | 20 | 39 | 45 | 112 | 8   | 2   | 8   | 6   | 10  | 9     | 296 |

TABLE 6  
**TUBERCULOSIS.**

| Age Periods | New Cases Notified |    |               |    | Deaths    |    |               |    |
|-------------|--------------------|----|---------------|----|-----------|----|---------------|----|
|             | Pulmonary          |    | Non-Pulmonary |    | Pulmonary |    | Non-Pulmonary |    |
|             | M.                 | F. | M.            | F. | M.        | F. | M.            | F. |
| 0—          | —                  | —  | —             | —  | —         | —  | —             | —  |
| 1—          | —                  | —  | —             | —  | —         | —  | —             | —  |
| 5—          | 6                  | 9  | 1             | 1  | —         | —  | —             | —  |
| 15—         | 1                  | 2  | —             | —  | —         | —  | —             | —  |
| 25—         | 1                  | 1  | —             | —  | —         | —  | —             | —  |
| 35—         | 2                  | —  | —             | 1  | —         | 1  | —             | —  |
| 45—         | —                  | —  | —             | —  | —         | 1  | —             | —  |
| 55—         | 7                  | —  | —             | —  | 2         | —  | —             | —  |
| 65 and over | 2                  | —  | —             | —  | —         | —  | —             | —  |
| TOTALS ...  | 19                 | 12 | 1             | 2  | 2         | 2  | —             | —  |

### WATER SUPPLY.

A representative analysis is appended:—

#### CHEMICAL ANALYSIS.

This water contains per million parts:—

|                                     |                  |
|-------------------------------------|------------------|
| Total Solids dried at 180 °C.       | 200.00           |
| Suspended Matter                    | absent           |
| Chlorides as chlorine               | 24.90            |
| Oxidised Nitrogen as nitrate        | absent           |
| Oxidised Nitrogen as nitrite        | 0.003            |
| Free and saline Ammonia             | 0.004            |
| Albuminoid Ammonia                  | 0.004            |
| Temporary Hardness                  | 65.00            |
| Permanent Hardness                  | 57.00            |
| Oxygen absorbed in 4 hrs. at 80 °F. |                  |
| from N/80 KMnO <sub>4</sub>         | 0.04             |
| pH value                            | 7.60             |
| Appearance                          | clear and bright |
| Odour                               | none             |
| Taste and Colour                    | normal           |
| Heavy metals                        | absent           |
| Free Chlorine                       | absent           |

### BACTERIOLOGICAL ANALYSIS

|                                                                    | 1 | 2  | 3  | 4   |
|--------------------------------------------------------------------|---|----|----|-----|
| No. of colonies developing per ml.<br>on agar at 21 °C. in 72 hrs. | 5 | 26 | 38 | 112 |
| No. of colonies developing per ml.<br>on agar at 37 °C. in 24 hrs. | 2 | 0  | 0  | 1   |
| No. of colonies developing per ml.<br>on agar at 37 °C. in 48 hrs. | 3 | 0  | 0  | 1   |
| Coli—aerogenes count per 100 mls.<br>at 37 °C. in 48 hrs.          | 0 | 0  | 0  | 0   |
| Faecal coli count per 100 mls.<br>at 44 °C. in 48 hrs.             | 0 | 0  | 0  | 0   |
| Bacillus Coli (Presumptive)                                        |   |    |    |     |

Absent in      100 mls    100 mls    100 mls    100 mls

At the time of sampling these waters were of satisfactory bacterial and chemical quality for human consumption, domestic use and dairy purposes.

### FACTORIES ACTS, 1937 to 1948

The following tables show the work done under the above Acts.

#### Part I of the Act.

#### 1.—Inspections for purposes of provisions as to health.

| Premises.                                                                                                | Number<br>on<br>Register. | Number of   |                     |                          |
|----------------------------------------------------------------------------------------------------------|---------------------------|-------------|---------------------|--------------------------|
|                                                                                                          |                           | Inspection. | Written<br>Notices. | Occupiers<br>Prosecuted. |
| (1) Factories in which Section<br>1, 2, 3, 4 and 6, are to<br>be enforced by Local<br>Authorities ... .. | 28                        | 38          | —                   | —                        |
| (2) Factories not included in<br>(1) in which Section 7 is<br>enforced by the Local<br>Authority ... ..  | 141                       | 197         | 1                   | —                        |
| (3) Other Premises in which<br>Section 7 is enforced by<br>the Local Authority ...                       | —                         | —           | —                   | —                        |
| Total ...                                                                                                | 169                       | 235         | 1                   | —                        |

## 2.—Cases in which **Defects** were found.

| <i>Particulars.</i>                | <i>Number of cases in which defects were found.</i> |                  |                                            |                               | <i>Number of cases in which prosecutions were instituted.</i> |
|------------------------------------|-----------------------------------------------------|------------------|--------------------------------------------|-------------------------------|---------------------------------------------------------------|
|                                    | <i>Found.</i>                                       | <i>Remedied.</i> | <i>Referred<br/>To H.M.<br/>Inspector.</i> | <i>By H.M.<br/>Inspector.</i> |                                                               |
| Want of cleanliness                | —                                                   | —                | —                                          | —                             | —                                                             |
| Overcrowding ...                   | —                                                   | —                | —                                          | —                             | —                                                             |
| Unreasonable temperature ...       | —                                                   | —                | —                                          | —                             | —                                                             |
| Inadequate ventilation             | —                                                   | —                | —                                          | —                             | —                                                             |
| Ineffective drainage of floors ... | —                                                   | —                | —                                          | —                             | —                                                             |
| Sanitary Conveniences              |                                                     |                  |                                            |                               |                                                               |
| (a) insufficient ...               | —                                                   | —                | —                                          | —                             | —                                                             |
| (b) unsuitable or defective ...    | 5                                                   | 6                | —                                          | 1                             | —                                                             |
| (c) not separate for sexes ...     | —                                                   | —                | —                                          | —                             | —                                                             |
| Other offences against the Act ... | —                                                   | —                | —                                          | —                             | —                                                             |
| Total ...                          | 5                                                   | 6                | —                                          | 1                             | —                                                             |

## Part VIII of the Act.

### OUTWORK.

| <i>Nature of Work.</i>           | <i>No. of outworkers in August list.</i> | <i>No. of cases of default in sending list to the Council.</i> | <i>Notices Served.</i> | <i>Prosecutions.</i> |
|----------------------------------|------------------------------------------|----------------------------------------------------------------|------------------------|----------------------|
| Wearing apparel—Making, etc.     | 54                                       | —                                                              | —                      | —                    |
| Lace, lace curtains and nets ... | 5                                        | —                                                              | —                      | —                    |
| Total ...                        | 59                                       | —                                                              | —                      | —                    |

**REPORT OF THE SANITARY INSPECTOR FOR THE  
HEANOR URBAN DISTRICT  
FOR THE YEAR 1952.**

To the Chairman and Members of the  
Heanor Urban District Council.

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you my Annual Report for the year 1952, this being my fifth report as your Sanitary Inspector.

During the year under review detailed inspections of all food shops, etc., and public houses were undertaken. The extent and scope of this work may not perhaps be fully appreciated when perusing the pages of this report but a great deal of time and correspondence has, of necessity, been devoted to this vital sphere. This, however, in no way reduced the volume or importance of other routine duties undertaken by the Department.

The Mass Radiography Unit again visited the district during the year, and your Health Department gave all possible help and co-operation in this vital work.

The visit of the Unit was particularly opportune this year since it arrived shortly after the existence of Tuberculosis at Commonsides School had become known.

The Pet Animals Act came into operation during the year and the only pet shop in the district was licensed for this purpose.

## VISITS AND INSPECTIONS MADE, 1952.

|                                                  |     |     |     |     |     |     |     |       |
|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|
| Appointments with Owners, Agents and Builders    | ... | ... | ... | ... | ... | ... | ... | 720   |
| Premises Inspected on Complaint                  | ... | ... | ... | ... | ... | ... | ... | 138   |
| Caravans, Tents and Similar Inhabited Structures | ... | ... | ... | ... | ... | ... | ... | 55    |
| Cinemas and Theatres                             | ... | ... | ... | ... | ... | ... | ... | 6     |
| Drainage Inspections                             | ... | ... | ... | ... | ... | ... | ... | 370   |
| Smoke, Colour and Water Tests to Drains          | ... | ... | ... | ... | ... | ... | ... | 116   |
| Factories and Workplaces                         | ... | ... | ... | ... | ... | ... | ... | 235   |
| Outworkers' Premises                             | ... | ... | ... | ... | ... | ... | ... | 92    |
| Offensive Trades                                 | ... | ... | ... | ... | ... | ... | ... | 4     |
| Infectious Disease and Disinfection              | ... | ... | ... | ... | ... | ... | ... | 191   |
| Verminous Conditions                             | ... | ... | ... | ... | ... | ... | ... | 4     |
| Piggeries                                        | ... | ... | ... | ... | ... | ... | ... | 17    |
| Prevention of Damage by Pests Act                | ... | ... | ... | ... | ... | ... | ... | 37    |
| Refuse Receptacles                               | ... | ... | ... | ... | ... | ... | ... | 561   |
| Conveniences                                     | ... | ... | ... | ... | ... | ... | ... | 1,343 |
| Salvage, Refuse Collection and Disposal          | ... | ... | ... | ... | ... | ... | ... | 560   |
| Re-visits to Property under Notice               | ... | ... | ... | ... | ... | ... | ... | 1,356 |
| Schools, Churches and Chapels                    | ... | ... | ... | ... | ... | ... | ... | 26    |
| Smoke Observations and Visits                    | ... | ... | ... | ... | ... | ... | ... | 2     |
| Rag Flock Act                                    | ... | ... | ... | ... | ... | ... | ... | 2     |
| National Assistance Act                          | ... | ... | ... | ... | ... | ... | ... | 2     |
| Welfare of Old People                            | ... | ... | ... | ... | ... | ... | ... | 29    |
| Brook Courses                                    | ... | ... | ... | ... | ... | ... | ... | 4     |

### Houses inspected re Housing Defects:—

|                                            |     |     |     |     |     |     |     |       |
|--------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|
| Public Health Acts 82: Housing Acts 145    | ... | ... | ... | ... | ... | ... | ... | 227   |
| Number of Inspections made for the purpose | ... | ... | ... | ... | ... | ... | ... | 1,356 |

### Meat and Other Foods Inspections:—

|                                                   |     |     |     |     |     |     |     |     |     |
|---------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Slaughter-houses                                  | ... | ... | ... | ... | ... | ... | ... | ... | 19  |
| Butchers' Shops                                   | ... | ... | ... | ... | ... | ... | ... | ... | 75  |
| Food Stalls and Vehicles                          | ... | ... | ... | ... | ... | ... | ... | ... | 584 |
| Fish Frying Premises                              | ... | ... | ... | ... | ... | ... | ... | ... | 20  |
| Shops                                             | ... | ... | ... | ... | ... | ... | ... | ... | 615 |
| Food Depots and Stores                            | ... | ... | ... | ... | ... | ... | ... | ... | 37  |
| Dairies, Milk Distributors' Premises and Vehicles | ... | ... | ... | ... | ... | ... | ... | ... | 48  |
| Ice Cream Premises                                | ... | ... | ... | ... | ... | ... | ... | ... | 75  |
| Bakehouses                                        | ... | ... | ... | ... | ... | ... | ... | ... | 24  |
| Other Food Preparing Premises                     | ... | ... | ... | ... | ... | ... | ... | ... | 49  |
| Catering Establishments                           | ... | ... | ... | ... | ... | ... | ... | ... | 13  |
| Public Houses                                     | ... | ... | ... | ... | ... | ... | ... | ... | 51  |

Complaints:—

|                                   |     |     |     |     |     |     |     |
|-----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| No. of Complaints received        | ... | ... | ... | ... | ... | ... | 138 |
| No. referred to other Departments | ... | ... | ... | ... | ... | ... | 3   |

Summary of Complaints:—

|                                |     |     |     |     |     |     |                 |
|--------------------------------|-----|-----|-----|-----|-----|-----|-----------------|
| Defective Closet Accommodation | ... | ... | ... | ... | ... | ... | 17              |
| Obstructed Drains and Sewers   | ... | ... | ... | ... | ... | ... | 54              |
| Housing Defects                | ... | ... | ... | ... | ... | ... | 57              |
| Dirty Houses                   | ... | ... | ... | ... | ... | ... | 1               |
| Water in cellars               | ... | ... | ... | ... | ... | ... | 3               |
| Keeping of Animals             | ... | ... | ... | ... | ... | ... | 4               |
| Brook course                   | ... | ... | ... | ... | ... | ... | 1               |
| Miscellaneous Nuisances        | ... | ... | ... | ... | ... | ... | 1               |
|                                |     |     |     |     |     |     | <hr/> 138 <hr/> |

Notices Issued:—

|                                 |     |     |     |     |     |     |     |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| No. of Informal Notices served  | ... | ... | ... | ... | ... | ... | 459 |
| No. of Statutory Notices served | ... | ... | ... | ... | ... | ... | 24  |
| No. of Notices Abated           | ... | ... | ... | ... | ... | ... | 376 |

## SANITARY IMPROVEMENTS MADE AND DEFECTS REMEDIED DURING THE YEAR, UNDER THE PUBLIC HEALTH ACTS AND HOUSING ACTS.

INTERIOR OF HOUSES:—

|                                             |     |     |     |     |     |     |     |     |
|---------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| Houses cleansed                             | ... | ... | ... | ... | ... | ... | ... | 4   |
| Floors re-laid or repaired                  | ... | ... | ... | ... | ... | ... | ... | 81  |
| Windows repaired or provided with sashcords | ... | ... | ... | ... | ... | ... | ... | 111 |
| Walls repaired                              | ... | ... | ... | ... | ... | ... | ... | 254 |
| Ceilings repaired                           | ... | ... | ... | ... | ... | ... | ... | 50  |

|                                             |    |
|---------------------------------------------|----|
| Staircases repaired ... ..                  | 11 |
| Handrails provided to staircase ... ..      | 11 |
| Fireplaces or Ovens repaired ... ..         | 35 |
| Doors repaired ... ..                       | 30 |
| Washing coppers provided or repaired ... .. | 5  |
| Pantries ventilated or repaired ... ..      | 1  |
| Insufficient lighting remedied ... ..       | 1  |
| Insufficient ventilation remedied ... ..    | 1  |

#### Baths, Lavatory Basins, etc.:—

|                                             |    |
|---------------------------------------------|----|
| Baths provided ... ..                       | 2  |
| Wash-hand basins provided ... ..            | 1  |
| New Sinks provided... ..                    | 7  |
| Sink waste pipes trapped or repaired ... .. | 12 |
| Hot water services repared ... ..           | 1  |

#### Water Supply:—

|                                          |   |
|------------------------------------------|---|
| Internal supply of water provided ... .. | 2 |
| Water service pipes renewed ... ..       | 2 |

#### EXTERIOR OF HOUSES:—

|                                                    |    |
|----------------------------------------------------|----|
| Roofs repaired or renewed... ..                    | 55 |
| Walls pointed or repaired ... ..                   | 55 |
| Chimney stacks repaired ... ..                     | 30 |
| Eaves and Downspouting provided or repaired ... .. | 53 |
| Damp-proof courses provided ... ..                 | 1  |

#### Drainage:—

|                                                        |     |
|--------------------------------------------------------|-----|
| Drains opened and cleansed ... ..                      | 24  |
| Drains re-laid or repaired ... ..                      | 47  |
| Additional drains provided ... ..                      | 6   |
| Inspection Chambers repaired ... ..                    | 12  |
| New Inspection Chambers provided ... ..                | 8   |
| Soil pipes repaired or altered ... ..                  | 1   |
| New Gully Traps provided ... ..                        | 6   |
| Drains tested with smoke, water or colour fluid ... .. | 116 |
| Underground rainwater cisterns abolished ... ..        | 1   |
| Interceptors provided on main drains ... ..            | 1   |
| Downspouts disconnected from drains ... ..             | 1   |

#### Yards and Outbuildings:—

|                                           |     |     |     |     |     |   |
|-------------------------------------------|-----|-----|-----|-----|-----|---|
| Wash-houses built, repaired or limewashed | ... | ... | ... | ... | ... | 1 |
| Coalhouses built or repaired              | ... | ... | ... | ... | ... | 9 |
| Yards paved or repaired                   | ... | ... | ... | ... | ... | 7 |

#### Urinals:—

|                                  |     |     |     |     |     |   |
|----------------------------------|-----|-----|-----|-----|-----|---|
| New Urinals erected              | ... | ... | ... | ... | ... | 2 |
| Unsatisfactory urinals abolished | ... | ... | ... | ... | ... | 2 |
| Urinals cleansed or repaired     | ... | ... | ... | ... | ... | 1 |

#### Privies, Pail Closets, Cesspools and W.C.s:—

|                                                 |     |     |     |     |     |    |
|-------------------------------------------------|-----|-----|-----|-----|-----|----|
| Water closet accommodation repaired             | ... | ... | ... | ... | ... | 19 |
| Water closets provided with new pedestals       | ... | ... | ... | ... | ... | 5  |
| Defective water service repaired                | ... | ... | ... | ... | ... | 24 |
| Defective flushing cisterns repaired or renewed | ... | ... | ... | ... | ... | 30 |
| Additional W.C.s provided...                    | ... | ... | ... | ... | ... | 7  |
| Insufficient sanitary accommodation remedied    | ... | ... | ... | ... | ... | 3  |

#### Ashpits and Dustbins:—

|                  |     |     |     |     |     |     |    |
|------------------|-----|-----|-----|-----|-----|-----|----|
| Dustbin renewals | ... | ... | ... | ... | ... | ... | 72 |
|------------------|-----|-----|-----|-----|-----|-----|----|

#### MISCELLANEOUS NUISANCES:—

|                                 |     |     |     |     |     |   |
|---------------------------------|-----|-----|-----|-----|-----|---|
| Accumulations of manure removed | ... | ... | ... | ... | ... | 1 |
| Nuisances from keeping animals  | ... | ... | ... | ... | ... | 3 |

### SUMMARY OF REGISTERED PREMISES.

|                                                          |     |     |     |
|----------------------------------------------------------|-----|-----|-----|
| Slaughter-houses—Licensed 17. Registered 3. (Not in use) | ... | ... | 20  |
| Offensive Trade Premises                                 | ... | ... | 2   |
| Factories and Workplaces                                 | ... | ... | 169 |
| Outworkers' Premises                                     | ... | ... | 72  |
| Bakehouses                                               | ... | ... | 16  |
| Fish Frying Premises                                     | ... | ... | 25  |
| Ice Cream Premises                                       | ... | ... | 71  |
| Other Food Preparing Premises                            | ... | ... | 38  |
| Dairies (other than Dairy Farms)                         | ... | ... | 7   |

## HOUSING.

Since housing is of major importance in the life of the community, it is only fitting that each year mention should be made of this subject in the pages of the annual report.

It will be seen that two hundred and twenty-seven houses were inspected during the year under review, and in dealing with these the many difficulties and ramifications of the housing problem were all to evident.

It is true to say that whilst these difficulties—they are too well known to be repeated—inevitably slowed down the rate of progress in obtaining essential repairs to houses, the rehousing of families from condemned property, and demolition work, etc. no feeling of frustration or helplessness should be allowed to curtail our future efforts.

Slowly but surely the attack on bad housing conditions continues but new legislation more intimately linked with present-day conditions is urgently required to give the necessary fillip and stimulus to what is surely one of our major social problems.

Throughout the year those houses which were incapable of repair and had long outlived their usefulness were dealt with under the provisions of Section II of the Housing Act, 1936. No Clearance Orders are in operation in this district, nor has any action been taken under Section 25 of the Housing Act, 1936, to declare any area to be a clearance area.

Sixteen houses were demolished during the year, this being the highest number demolished since 1939.

In some districts the demolition of condemned property has been considerably hampered by the high cost of carrying out such work ; since owners must bear the cost of demolition it can readily be appreciated that they defer taking any action as long as possible. Fortunately we have no such problem in this district, for the services of a demolition contractor are available "free of charge" providing the contractor can have all materials accruing from the demolition work.

Section 72 (s.s.1.) of the Housing Act, 1936, empowers a local authority to provide housing accommodation—

- (a) by the erection of houses on any land acquired or appropriated by them ;
- (b) by the conversion of any building into houses ;
- (c) by acquiring houses suitable for the purpose ;
- (d) by altering, enlarging, repairing or improving any houses or buildings which have, or an estate or interest in which has, been acquired by the local authority.

Also by virtue of s.s.2, the local authority may alter, enlarge, repair or improve any house so erected, converted or acquired.

I bring this section of the Housing Act to the attention of the Council because I feel that serious consideration should be given to the purchase of suitable existing houses. By this means houses structurally sound but in need of repair, or lacking in modern amenities, could be made to provide satisfactory accommodation. The Council has the power to fix economic rents, since these houses when purchased would virtually be "Council houses."

There would always be a demand for such type of property since, not only do some families dislike being uprooted from the neighbourhood in which they have dwelt so long, but also the rents would be more in keeping with what they could really afford to pay.

Every local authority too has its "problem families." These families, whether due to environmental conditions or inherent traits, seem almost incapable of raising themselves from the rut of incompetence, dirtyness, and untidyness, into which they have sunk.

In some cases with the removal of such families to new Council houses, comes a determined effort to emulate the good living conditions of their next door neighbour ; in others, no such response is forthcoming and it is only by frequent inspections, either by the Housing Manager or the Sanitary Inspector, that conditions are prevented from deteriorating to a low level.

I would suggest, therefore, that with advantage such families could well be rehoused in the reconditioned houses mentioned above, and at the same time told that if they consistently kept their houses in a satisfactory condition they would be allocated a new Council house in due course.

It became increasingly obvious during the year, that many owners decided to sell their property rather than comply with the requirements of notices served under Section 9 of the Housing Act, 1936. Fundamentally the static condition of rents is the reason why many owners are reluctant to spend money on repair work ; and this state of affairs will continue until one Government or another has the courage to introduce new rent legislation—the building of new houses alone will not solve the housing problem.

“Work in default” has this year assumed larger proportions than ever before, and the following is a summary of work undertaken by the Council’s contractors as a result of failure to comply with notices served under Section 9 of the Housing Act, 1936 :—

| <i>Premises.</i> |                             |     |     |     | <i>Contract Price</i> |    |    |
|------------------|-----------------------------|-----|-----|-----|-----------------------|----|----|
|                  |                             |     |     |     | £                     | s. | d. |
| 15,              | Cromford Road, Langley Mill | ... | ... | ... | 93                    | 13 | 0  |
| 2,               | Mill Road, Marlpool         | ... | ... | ... | 85                    | 10 | 0  |
| 18,              | Alfreton Road, Codnor       | ... | ... | ... | 136                   | 11 | 6  |
| 20,              | Alfreton Road, Codnor       | ... | ... | ... | 67                    | 9  | 9  |
| 20A,             | Alfreton Road, Codnor       | ... | ... | ... | 51                    | 9  | 9  |
| 22,              | Alfreton Road, Codnor       | ... | ... | ... | 66                    | 14 | 0  |
| 24,              | Alfreton Road, Codnor       | ... | ... | ... | 53                    | 4  | 10 |
| 26,              | Alfreton Road, Codnor       | ... | ... | ... | 87                    | 4  | 1  |
| 28,              | Alfreton Road, Codnor       | ... | ... | ... | 94                    | 13 | 7  |

In all the above cases, except No. 15, Cromford Road, Langley Mill, the expenses incurred by the Council are being recovered by instalments.

No formal applications were made for Improvement Grants During the year, since it is the Council’s policy not to implement Section 20 of the Housing Act, 1949. A few owners, however, sought information regarding this matter.

The following is a summary of action taken under Section 11 of the Housing Act, 1936, during the year.

## HOUSES REPRESENTED AS UNFIT.

| <i>Property.</i>               | <i>Result at end of year.</i>                                                                     |
|--------------------------------|---------------------------------------------------------------------------------------------------|
| 14, Church Street, Heanor ...  | Undertaking not to relet.                                                                         |
| 16, " " " ...                  | " " " "                                                                                           |
| 39, High Street, Heanor ...    | Undertaking to demolish part,<br>and remainder to be used to<br>form an intergral part of No. 41. |
| 8, Lee Lane, Langley ...       | Undertaking not to relet until<br>made fit.                                                       |
| 9, Bridge Street, Langley Mill | Demolition Order Operative.                                                                       |
| 11, " " " ...                  | " " "                                                                                             |
| 13, " " " ...                  | " " "                                                                                             |
| 15, " " " ...                  | " " "                                                                                             |
| 137A, Codnor Gate Codnor ...   | Action Pending.                                                                                   |
| 22, Nottingham Road, Codnor    | Demolition Order Operative.                                                                       |
| 23, " " " ...                  | " " "                                                                                             |
| 29, Crowfields, Stoneyford ... | Action Pending.                                                                                   |
| 30, " " " ...                  | " "                                                                                               |
| 31, " " " ...                  | " "                                                                                               |
| 32, " " " ...                  | " "                                                                                               |
| 33, " " " ...                  | " "                                                                                               |
| 34, " " " ...                  | " "                                                                                               |
| 35, " " " ...                  | " "                                                                                               |

## DEMOLITION ORDERS SERVED.

| <i>Property.</i>               | <i>Remarks.</i> |
|--------------------------------|-----------------|
| 9, Bridge Street, Langley Mill |                 |
| 11, " " " "                    |                 |
| 13, " " " "                    |                 |
| 15, " " " "                    |                 |
| 8, Mill Lane, Codnor           |                 |
| 10, " " "                      |                 |
| 22, Nottingham Road, Codnor    |                 |
| 23, " " "                      |                 |

## HOUSES DEMOLISHED.

| <i>Property.</i>                               | <i>Remarks.</i>                                                  |
|------------------------------------------------|------------------------------------------------------------------|
| 30, Breach Road, Marlpool ...                  | Demolition Order Operative.                                      |
| 32, " " " ...                                  | " " "                                                            |
| 34, " " " ...                                  | " " "                                                            |
| 36, " " " ...                                  | Voluntarily demolished.                                          |
| 38, " " " ...                                  | Demolition Order Operative.                                      |
| 20, Heanor Road, Loscoe ...                    | " " "                                                            |
| 21, " " " ...                                  | " " "                                                            |
| 22, " " " ...                                  | " " "                                                            |
| 14, The Nook, Loscoe ...                       | " " "                                                            |
| 15, " " " ...                                  | " " "                                                            |
| 16, " " " ...                                  | " " "                                                            |
| Caretaker's House, Miners' Welfare, Loscoe ... | " " "                                                            |
| 8, Mill Lane, Codnor ...                       | " " "                                                            |
| 10, " " " ...                                  | " " "                                                            |
| Formerly 21, Hands Road, Langley ...           | Undertaking not to relet. Demolished for road widening purposes. |
| 136, Hands Road, Langley ...                   | Demolished for road widening purposes.                           |

## HOUSES MADE FIT.

| <i>Property.</i>            | <i>Remarks.</i>        |
|-----------------------------|------------------------|
| 11, High Street, Loscoe ... | Undertaking to repair. |

## UNDERTAKINGS ACCEPTED.

| <i>Property.</i>              | <i>Remarks.</i>                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| 14, Church Street, Heanor ... | Undertaking not to relet.                                                       |
| 16, " " " ...                 | " " " "                                                                         |
| 39, High Street, Heanor ...   | Undertaking to demolish part, and remainder to form an integral part of No. 41. |
| 8, Lee Lane, Langley ...      | Undertaking not to relet until rendered fit.                                    |

The following is a summary of the Register of Individual Unfit Houses, as at the end of the year :—

|                           |     |     |     |     |             |
|---------------------------|-----|-----|-----|-----|-------------|
| Heanor Ward               | ... | ... | ... | 1   | } ... .. 14 |
| Langley Mill Ward         | ... | ... | ... | 4   |             |
| Langley and Marlpool Ward | ... | ... | ... | 9   |             |
| Loscoe Ward               | ... | ... | ... | Nil |             |
| Codnor Ward               | ... | ... | ... | Nil |             |

## HOUSING STATISTICS.

No. of new houses erected during the year :—

|                                            |     |     |     |     |    |
|--------------------------------------------|-----|-----|-----|-----|----|
| 1. By the Local Authority (Permanent type) | ... | ... | ... | ... | 82 |
| 2. By Private Enterprise (Permanent type)  | ... | ... | ... | ... | 8  |
| Total                                      |     |     |     |     | 90 |

|                                        |     |     |     |     |      |
|----------------------------------------|-----|-----|-----|-----|------|
| No. of Houses Demolished during 1951   | ... | ... | ... | ... | 16   |
| Estimated number of houses in the area | ... | ... | ... | ... | 7137 |

1. Inspection of Dwelling-houses during the year:—

|                                                                                                                                                                     |     |     |     |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|------|
| (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)                                                         | ... | ... | ... | 227  |
| (b) Number of Inspections made for the purpose...                                                                                                                   | ... | ... | ... | 1356 |
| (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidation Regulations, 1925, and 1932 | ... | ... | ... | Nil  |
| (b) Number of Inspections made for the purpose                                                                                                                      | ... | ... | ... | Nil  |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious as to be unfit for human habitation                                                  | ... | ... | ... | 18   |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation     | ... | ... | ... | 209  |

2. Remedy of defects during the year without service of Formal Notices:—

|                                                                                                                             |     |     |     |     |
|-----------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|
| Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers | ... | ... | ... | 304 |
|-----------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-----|

3. Proceedings under Section 11 and 13 of the Housing Act, 1936:—

|                                                                                                 |     |     |     |     |     |     |    |
|-------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|----|
| (1) Number of dwelling-houses in respect of which demolition orders were made                   | ... | ... | ... | ... | ... | ... | 8  |
| (2) Number of dwelling-houses demolished in pursuance of Demolition Orders                      | ... | ... | ... | ... | ... | ... | 13 |
| (3) Number of houses demolished in anticipation of formal procedure under the Housing Act, 1936 | ... | ... | ... | ... | ... | ... | 3  |
| (4) Number of dwelling-houses where undertakings were accepted                                  | ... | ... | ... | ... | ... | ... | 4  |

|                                                                                                  |     |     |     |     |     |     |     |
|--------------------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| 4. Number of applications made to the Council for Improvement Grants under the Housing Act, 1949 | ... | ... | ... | ... | ... | ... | Nil |
| Number of applications for Improvement Grants approved by the Ministry                           | ... | ... | ... | ... | ... | ... | Nil |
| Number of dwelling-houses "improved" during the year                                             | ... | ... | ... | ... | ... | ... | Nil |

**NUMBER OF NEW HOUSES COMPLETED  
DURING 1952 IN WARDS.**

|                       |     | Langley<br>Heanor. | Langley &<br>Mill. | Langley &<br>Marlpool. | Loscoe.  | Codnor.  |
|-----------------------|-----|--------------------|--------------------|------------------------|----------|----------|
| By Local Authority    | ... | —                  | —                  | 82                     | —        | —        |
| By Private Enterprise | ... | 2                  | 3                  | 2                      | —        | 1        |
| <b>Totals</b>         | ... | <b>2</b>           | <b>3</b>           | <b>84</b>              | <b>—</b> | <b>1</b> |
| <hr/>                 |     |                    |                    |                        |          |          |
| By Local Authority    | ... | ...                | ...                | 82                     | ...      | ...      |
| By Private Enterprise | ... | ...                | ...                | 8                      | ...      | ...      |
| <b>Total</b>          | ... | ...                | ...                | <b>90</b>              | ...      | ...      |

The following table shows the number of houses erected since 1921:—

| Year         | Houses<br>Erected<br>by the<br>Council | Subsidy Houses<br>Erected by<br>Private<br>Enterprise | Non-Subsidy<br>Houses Erected<br>by Private<br>Enterprise | Total |
|--------------|----------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|-------|
| 1921         | 22                                     | —                                                     | 25                                                        | 47    |
| 1922         | 50                                     | —                                                     | 13                                                        | 63    |
| 1923         | 6                                      | —                                                     | 42                                                        | 48    |
| 1924         | —                                      | 8                                                     | 45                                                        | 53    |
| 1925         | —                                      | 78                                                    | 23                                                        | 101   |
| 1926         | —                                      | 42                                                    | 13                                                        | 55    |
| 1927         | 50                                     | 35                                                    | 9                                                         | 94    |
| 1928         | 90                                     | 25                                                    | 10                                                        | 125   |
| 1929         | 112                                    | 28                                                    | 7                                                         | 147   |
| 1930         | —                                      | —                                                     | 19                                                        | 19    |
| 1931         | 10                                     | —                                                     | 28                                                        | 38    |
| 1932         | 138                                    | —                                                     | 52                                                        | 190   |
| 1933         | 26                                     | —                                                     | 100                                                       | 126   |
| 1934         | 52                                     | —                                                     | 150                                                       | 202   |
| 1935         | 19                                     | —                                                     | 139                                                       | 158   |
| 1936         | 56                                     | —                                                     | 149                                                       | 205   |
| 1937         | —                                      | —                                                     | 122                                                       | 122   |
| 1938         | 106                                    | —                                                     | 142                                                       | 248   |
| 1939         | —                                      | —                                                     | 79                                                        | 79    |
| 1940 to 1945 | —                                      | —                                                     | 13                                                        | 13    |
| 1946         | 50 (Prefabs)                           | —                                                     | 30                                                        | 80    |
| 1947         | 66                                     | —                                                     | 46                                                        | 112   |
| 1948         | 90                                     | —                                                     | 1                                                         | 91    |
| 1949         | 155                                    | —                                                     | 10                                                        | 165   |
| 1950         | 121                                    | —                                                     | 21                                                        | 142   |
| 1951         | 84                                     | —                                                     | 13                                                        | 97    |
| 1952         | 82                                     | —                                                     | 8                                                         | 90    |
| Totals ...   | 1,385                                  | 216                                                   | 1,309                                                     | 2,910 |

## COUNCIL HOUSES.

From time to time during the year under review, discussion took place between Mr. Gascoyne, your Housing Manager, and myself, in regard to the condition of properties from which it was proposed to rehouse the various tenants. Since these discussions were held well in advance of the actual rehousing, it afforded amply opportunity for detailed inspections to be made of these houses where repair work or more stringent action, was required, and the taking of appropriate action by your Health Committee.

Whilst the number of condemned houses still occupied has only decreased by one when compared with last year's figures, this by no means indicates the true state of affairs, since further occupied houses were condemned during the year. Altogether eight families were rehoused from condemned property and hence taking into consideration the fact that eighty-two Council houses were erected, signifies that a real serious attempt was made to tackle the problem.

Certain reorganisation of the Housing Manager's Department took place, the duties of rent collection being transferred from the Rating Department to the Housing Department.

### Applications.

Mr. Gascoyne has kindly supplied the following details in regard to the waiting list of applicants as at the end of December, 1952 :—

|                                                  |     |     |     |     |     |
|--------------------------------------------------|-----|-----|-----|-----|-----|
| No. of householder applicants ...                | ... | ... | ... | ... | 321 |
| No. of lodger applicants                         | ... | ... | ... | ... | 515 |
| No. of householder applicants desiring bungalows | ... | ... | ... | ... | 143 |
| No. of lodger applicants desiring bungalows      | ... | ... | ... | ... | 45  |

Of the total figure of 188 applicants for tenancy of bungalows, 35 were from tenants occupying Council houses.

### Points Scheme.

The points scheme continued in operation throughout the year, and is set out hereunder:—

**Assessment Factors.****Points.**

|                                                            |   |                       |
|------------------------------------------------------------|---|-----------------------|
| No. of persons in applicant's family...                    | 1 | for each person.      |
| Tuberculosis ... ..                                        | 5 | maximum.              |
| Lodger applicants ... ..                                   | 5 | "                     |
| Lodger applicants living in over-crowded conditions ... .. | 3 | "                     |
| Occupiers in Condemned property...                         | 8 | "                     |
| Occupiers in uncondemned property but overcrowded ... ..   | 3 | "                     |
| Each bedroom deficient ... ..                              | 2 | "                     |
| Years of registration as Lodger ...                        | 2 | per year, maximum 20. |
| Years of registration as Tenant ...                        | 2 | " " 14.               |
| Suitability ... ..                                         | 6 |                       |

**Factors to be assessed by the Housing Committee.**

- (a) General disability.
- (b) Length of time married and in rooms.
- (c) Years resident in this district (Husband).
- (d) Years resident in this district (Wife).
- (e) Notice to quit by Court Order.
- (f) Husband and Wife unable to live together under the same roof owing to overcrowding.
- (g) Husband, years in H.M. Forces.
- (h) Wife, years in H.M. Forces.

**TENTS, VANS, SHEDS, AND SIMILAR STRUCTURES.**

Fifty-five visits were made to caravans, the majority of which were used in connection with the various Fairs held in the district.

Ten applications to station and use a caravan at different sites in the area were made during the year, and eight licences were granted. The applications were chiefly from men engaged in open-cast coal work in the district.

**FACTORIES ACT, 1937 to 1948.**

The number of visits made to factories and workplaces during the year totalled 235.

No statutory action had to be taken and any contraventions noted were remedied informally.

## OUTWORKERS.

In accordance with the provisions of Section 110, Factories Act, 1937, thirty-seven lists containing the names and addresses of 143 outworkers were received during the year. Particulars relating to 25 outworkers resident outside the area were forwarded to the local authorities concerned.

A summary of outworkers resident in this area whose names appeared on the August list, together with the nature of the home-work, is set out hereunder :—

| Nature of Work.  |     |     |     | No. of Premises. | No. of Outworkers<br>Females. |
|------------------|-----|-----|-----|------------------|-------------------------------|
| Hosiery          | ... | ... | ... | 17               | 17                            |
| Lace and Netting | ... | ... | ... | 5                | 5                             |
| Clothing         | ... | ... | ... | 37               | 37                            |
| Total ...        |     |     |     | 59               | 59                            |

No case of infectious disease occurred at any outworkers' premises during the year.

## INFECTIOUS DISEASE AND DISINFECTION.

The following work has been carried out during the year :—

|                                  |     |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|-----|
| No. of visits to infected houses | ... | ... | ... | ... | 191 |
| No. of Rooms disinfected         | ... | ... | ... | ... | 84  |
| No. of Notices to Day Schools    | ... | ... | ... | ... | 161 |
| No. of Notices to Sunday Schools | ... | ... | ... | ... | 75  |
| No. of Notices to Librarians     | ... | ... | ... | ... | 48  |
| No. of Library Books disinfected | ... | ... | ... | ... | 73  |

Cases of infectious disease are visited as soon as notification is received and arrangements are made for the patient's removal to hospital where necessary.

Where a patient is isolated at home, a notification form stating when the person has been released from quarantine is signed by the Doctor in charge of the case and returned to the Health Department ; on receipt of this form terminal disinfection is undertaken, generally with formaldehyde fumigators.

All library books are removed from infected premises and disinfected in a suitable chest constructed for this purpose.

Disinfectant is issued free of charge during the patient's illness.

The scale of charges for use of the Council's gas-fired Thresh Steam Disinfector, at the Disinfection Station, Fletcher Street Depot, are as follows :—

| (1) Local Residents.                                                                                                                      |                          |     |     | Cost per filling. |       |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----|-----|-------------------|-------|
| (a)                                                                                                                                       | Infectious Disease cases | ... | ... | ...               | Free. |
| (b)                                                                                                                                       | Verminous Bedding, etc.  | ... | ... | ...               | 5/-   |
| (2) Others.                                                                                                                               |                          |     |     |                   |       |
| Hospitals, Institutions, other Local Authorities, etc., and Non-residents (extra charge to be made for transport provided by the Council) |                          |     |     |                   |       |
| ...                                                                                                                                       | ...                      | ... | ... | ...               | 14/-  |

Where the Chief Sanitary Inspector considers circumstances warrant, free disinfection is undertaken ; such cases being brought to the attention of the Health Committee.

## DISINFESTATION.

The following is a summary of disinfestation work undertaken during the year:—

|                               |     | Bugs. | Cockroaches. | Fleas. | Others. | Total. |
|-------------------------------|-----|-------|--------------|--------|---------|--------|
| No. of houses disinfested     | ... | 2     | Nil          | 1      | 6       | 9      |
| No. of rooms treated          | ... | 3     | Nil          | 3      | 8       | 14     |
| No. of houses infested (Bugs) | ... | ...   | ...          | ...    | ...     | 2      |
| (a) Council houses            | ... | ...   | ...          | ...    | ...     | Nil    |
| (b) Private houses            | ... | ...   | ...          | ...    | ...     | 2      |

Whilst the number of bug-infested houses treated by the Department has shown a reduction of over two-thirds when compared with last year's total, I believe that there is little room for complacency in this matter.

Since many insecticides are now available to the general public it would seem that occupiers of infested premises try to eradicate the bugs themselves, rather than suffer the indignity of seeking the help of the Health Department.

## ATMOSPHERIC POLLUTION AND SMOKE ABATEMENT.

Two smoke observations were made during the year, and remedial action taken where necessary.

### REGISTER OF RAINFALL IN 1952.

Summary of observations taken at Milnhay Outfalls, Langley Mill, by Mr. R. Archer, Surveyor:—

|           |     |     |     |     |     |     | <i>Inches.</i> | <i>Days of Rain.</i> |
|-----------|-----|-----|-----|-----|-----|-----|----------------|----------------------|
| January   | ... | ... | ... | ... | ... | ... | 1.78           | on 11                |
| February  | ... | ... | ... | ... | ... | ... | 0.93           | „ 4                  |
| March     | ... | ... | ... | ... | ... | ... | 1.97           | „ 10                 |
| April     | ... | ... | ... | ... | ... | ... | 1.43           | „ 6                  |
| May       | ... | ... | ... | ... | ... | ... | 2.56           | „ 12                 |
| June      | ... | ... | ... | ... | ... | ... | 2.79           | „ 8                  |
| July      | ... | ... | ... | ... | ... | ... | 0.70           | „ 4                  |
| August    | ... | ... | ... | ... | ... | ... | 1.44           | „ 10                 |
| September | ... | ... | ... | ... | ... | ... | 1.65           | „ 11                 |
| October   | ... | ... | ... | ... | ... | ... | 3.24           | „ 13                 |
| November  | ... | ... | ... | ... | ... | ... | 1.81           | „ 9                  |
| December  | ... | ... | ... | ... | ... | ... | 2.45           | „ 14                 |
| Total     |     |     |     |     |     |     | 22.75          | „ 112                |
| 1951      |     |     |     |     |     |     | 28.96          | „ 144                |
| 1950      |     |     |     |     |     |     | 25.38          | „ 135                |
| 1949      |     |     |     |     |     |     | 23.64          | „ 112                |
| 1948      |     |     |     |     |     |     | 27.67          | „ 128                |
| 1947      |     |     |     |     |     |     | 21.18          | „ 125                |
| 1946      |     |     |     |     |     |     | 27.01          | „ 145                |
| 1945      |     |     |     |     |     |     | 25.55          | „ 143                |

## SANITARY ACCOMMODATION.

The approximate number and type of sanitary conveniences in use in the area at the end of the year were as follows:—

|               | Heanor | Langley | Langley & | Loscoe,    |        |
|---------------|--------|---------|-----------|------------|--------|
|               | Ward.  | Mill    | Marlpool  | Codnor     |        |
|               | Ward.  | Ward.   | Ward.     | &c. Wards. | Total. |
| Water Closets | 2,648  | 1,543   | 1,680     | 1,965      | 7,836  |
| Pail Closets  | 2      | 8       | 2         | 36         | 48     |
| Privy Middens | 0      | 0       | 0         | 4          | 4      |
| Dry Ashpits   | 0      | 0       | 0         | 0          | 0      |
| Dustbins      | 2,511  | 1,412   | 1,639     | 1,848      | 7,410  |

New sanitary accommodation was provided at the Sunnyside Working Men's Club, Heanor.

In regard to the Mundy Arms Public House, Marlpool, a Statutory Notice under Section 89 of the Public Health Act, 1936, was served, since it was considered that (a) the accommodation provided for females was badly sited and insufficient, and (b) the accommodation provided for males was also badly sited and was structurally unsatisfactory. Excellent accommodation was duly completed during the month of September.

## **PUBLIC CLEANSING SERVICE.**

**REFUSE COLLECTION.**—The refuse collection service functioned satisfactorily throughout the year and generally labour problems have been less acute than in former times. Indeed, it has so happened that former employees having left to take up better paid jobs, returned seeking re-employment. Is this, I wonder, some indication that perhaps in future the shortage of labour for public cleansing work will steadily diminish?

As a means of earning a livelihood the public cleansing service appears unattractive to the right type of man and the name of "dustman" still seems to carry with it some indefinable stigma or other. How often has one heard the expression "Oh, he's only a dustman," spoken in such a manner as to indicate that reference was being made to some lower form of life. Yet, the regular and efficient removal of household refuse is essential in maintaining a high standard of environmental hygiene, and the dustman is the King-pin of such a service.

We hear much now-a-days of hygiene in food shops ; hygiene in the handling of foodstuffs, and hence in some measure "to practice what we preach," not a little thought was given to how best washing facilities could be provided on our own refuse collection lorries, since most of the employees had to have their dinners out on the district.

In the past, tablets of soap were distributed once each month to all the men but these were always taken home and remained there.

The Health Committee, therefore, decided that a Zalpon liquid soap dispenser be fitted in each lorry, together with the provision of towels and a galvanised bucket. It is perhaps needless to say that these facilities have been greatly appreciated by the men.

Throughout the year under review the practice continued of submitting quarterly reports to your Health Committee in regard to sickness among employees of the Public Cleansing Service. It is opportune, therefore, at this juncture to extract some details from these reports.

A summary of the various reports is given hereunder :—

A summary of the various reports is given hereunder:—

#### SUMMARY A.

| Report No.<br>and<br>Period.   | Total<br>Working<br>Hours<br>Possible. | Sick<br>Pay.<br>Hours<br>Lost. | Unpaid<br>Sickness.<br>Hours<br>Lost. | Other<br>Time<br>Lost.<br>Hours. | Total<br>Sickness<br>Payments<br>by<br>H.U.D.C. | Average<br>Weekly<br>cost of<br>Sickness<br>Payments. |
|--------------------------------|----------------------------------------|--------------------------------|---------------------------------------|----------------------------------|-------------------------------------------------|-------------------------------------------------------|
| (9)<br>31-12-51 to<br>30-3-52  | 13084                                  | 695                            | 117                                   | 327                              | £ s. d.<br>77 11 6                              | £ s. d.<br>5 19 4                                     |
| (10)<br>31-3-52 to<br>29-6-52  | 12078                                  | 352                            | 70                                    | 186                              | 38 0 7                                          | 2 18 6                                                |
| (11)<br>30-6-52 to<br>28-9-52  | 11097                                  | 725                            | 9                                     | 142½                             | 70 10 1                                         | 5 8 6                                                 |
| (12)<br>29-9-52 to<br>28-12-52 | 12674                                  | 334½                           | Nil                                   | 130                              | 31 2 2                                          | 2 7 10                                                |

### SUMMARY B.

| Report No.<br>and Period.      | Percentage of hours lost due to: |                     |                     |        |
|--------------------------------|----------------------------------|---------------------|---------------------|--------|
|                                | Paid<br>Sickness                 | Unpaid<br>Sickness. | Other Time<br>Lost. | Total. |
| (9)<br>31-12-51 to<br>30-3-52  | 5.31                             | 0.89                | 2.49                | 8.7    |
| (10)<br>31-3-52 to<br>29-6-52  | 2.91                             | 0.58                | 1.54                | 5.03   |
| (11)<br>30-6-52 to<br>28-9-52  | 6.53                             | 0.08                | 1.28                | 7.89   |
| (12)<br>29-9-52 to<br>28-12-52 | 2.64                             | Nil                 | 1.02                | 3.66   |

The total amount of sickness benefit paid for the year 1952, was £217/4/4d. as compared with £171/0/4d. for the year 1951, thus giving an increase of some 27%. Working hours lost due to sickness totalled 2,106½ hours, and 981½ hours were lost due to absenteeism and other causes. It is, however, in the latter category whence the most startling reduction has taken place, since 4,327 hours were lost in the year 1951. The percentage decrease, therefore, in absenteeism and other causes, sickness excluded, was some 77%. This then more than counterbalances the increase in the number of hours lost due to sickness and hence the overall picture presented is of a more satisfactory nature when emphasis is laid on the fact that the total number of working hours lost due to all causes in 1952 was 3,098 hours, as compared with 6,193½ hours for the year 1951.

The gradual reduction in the number of hours lost due to all causes commenced in 1950 ; and whilst it is gratifying to note the continued downward trend over succeeding years, it is still a

matter for concern that over 6 per cent. of the possible working hours were lost during 1952.

The months of January, February and March, are always the most critical as far as the Public Cleansing Service is concerned, since sickness among workmen is invariably more prevalent, the weather more inclement, and the refuse both heavier and greater in quantity. However, it is pleasing to see that during the first quarter of the year the average number of men absent each working day was 2.06, compared with 3.76 for 1951 and 3.81 for the year 1950.

It is naturally expected that during the summer months the number of absent employees should be at a minimum. During the year under review, however, this was not the case since the average number of men absent each working day reached the record low figure of 0.81 during the months of October, November and December. Whether or not this can be attributable to the beneficial results of the summer holidays is anybody's guess.

With regard to protective clothing, two pairs of bib-and-brace overalls were again issued to each employee, at a total cost of £60.

The system of refuse collection is based on the division of the district into three areas having approximately the same number of premises. A gang of five men together with lorry (Dennis 7 cubic yards) and driver, operates in each of the areas. I was very interested to see whilst browsing through the Department's records, that the number of men employed at the present time has only increased by one since 1943, yet the number of houses has increased by 727.

A report on the public cleansing activities would be incomplete without some mention of that mundane yet vitally essential article, the dustbin. Each year your Health Committee give earnest consideration to the suggestion that the provision of dustbins throughout the district, should be by means of a rate-borne charge ; each year the Committee recommend that this shall be so ; and each year the Council decide it shall NOT be so. Truly am I reminded of the old adage that one can lead a horse to the water but cannot make him drink.

Yet hope, it is said, springs eternal in the human breast, so I continue to hope that one day the onerous duty of obtaining dustbin replacements will no longer take up a goodly proportion of the Department's valuable time.

In common with most other local authorities we have had a "dustbin case"—notice under Section 75 of the Public Health Act, 1936, having been duly served on the Home Brewery Co. Ltd., Daybrook, to provide a dustbin at No. 141, Codnor Gate, Codnor, and the Company being aggrieved thereby, appealed to the Court.

This house was occupied by two old age pensioners who had lived there for thirty-nine years during which time new dustbins had always been provided by the Company. The latter produced details showing that they had had a debit balance of over £105 during the last five years ; £110 alone being spent on repair work during 1950.

The Justices decided that the Company's appeal be allowed. The Home Brewery Co., however, were required to pay the costs of the case since in the opinion of the Justices they should have submitted to the Council full details of the expenditure incurred in regard to this property.

I could not help reflecting after the case was over, that the cost to the Brewery Co. of providing a dustbin at this house would have been considerably less than the costs incurred in taking court proceedings, since the decision of the Justices in this matter by no means established the precedent that all tenants of the Company's houses must provide their own dustbins.

One hears occasionally of the dustbin man being accused of damaging bins. Is this to be wondered at when one considers that on occasions three men are required to lift a dustbin because it is mainly full of stones—or bats as they are commonly called—which have been delivered with the coal. But take a look round our streets when colliers' coal has been delivered and witness the amount of stone which is eventually segregated from the loads. All this then finds its way into the dustbin and has to be dealt with by the public cleansing service. Hence there is still a great need for better quality and cleaner coal.

There is a need too for cleaner dustbins, and here I would appeal to the housewife to keep the contents of the dustbin dry. This not only prolongs the life of the bin, and is more hygienic, but also makes less work for the collectors.

**REFUSE DISPOSAL.**—The disposal of household refuse is by means of controlled tipping, three tips in all being used.

Despite some apprehension on the part of nearby residents, controlled tipping at the Codnor Recreation Ground continued throughout the year without any cause for complaints. This tip is consistently free from rats and the early treatment during the month of April, with Gammexane Dust, completely obviated any nuisance arising from crickets. There is enough tipping space here to last about another year and it will be extremely hard to find other land for this purpose in the Codnor area.

Since controlled tipping at the Cromford Road site will have been completed by the time this report is printed, it is perhaps opportune to consider whether the need of the whole district could not be served better and cheaper by having one controlled tip. Mechanisation could, and should, play a greater part in our disposal methods, more especially so if it is decided at some future date to use only one site for controlled tipping.

For this purpose consideration might be given to the use of Commonsides tip, since the ground available is still considerable.

### **PUBLIC CLEANSING.**

Collection and Disposal of House and Trade Refuse (including kitchen waste and salvage collected separately).

# COST STATEMENT 1952-53.

| Item | Particulars<br>1                                                                       | Collection<br>2 | Disposal<br>3     | Totals<br>4 |
|------|----------------------------------------------------------------------------------------|-----------------|-------------------|-------------|
|      | <b>Revenue Account</b>                                                                 | £               | £                 | £           |
| 1    | <b>GROSS EXPENDITURE :</b>                                                             |                 |                   |             |
|      | (i) Labour                                                                             | 6535            | 1919              | 8454        |
|      | (ii) Transport                                                                         | 3702            | 3                 | 3705        |
|      | (iii) Plant, equipment, land<br>buildings ... ..                                       | 104             | 275               | 379         |
|      | (iv) Other items (including<br>£— paid to other local<br>authorities ... ..            | 51              | 1019              | 1070        |
|      | (v) Total gross expenditure                                                            | 10392           | 3216              | 13608       |
| 2    | <b>GROSS INCOME</b> (including<br>£227 received from other<br>local authorities ... .. | 55              | 2204              | 2259        |
| 3    | <b>NET COST</b> ... ..                                                                 | 10337           | 1012              | 11349       |
| 4    | Capital expenditure met from<br>revenue (included above)...                            | —               | 1002<br>(Culvert) | 1002        |
|      | <b>Unit Costs</b>                                                                      | s. d.           | s. d.             | s. d.       |
| 5    | Gross cost per ton, labour only                                                        | 11 9            | 3 5               | 15 2        |
| 6    | Gross cost per ton, transport<br>only ... ..                                           | 6 8             | —                 | 6 8         |
| 7    | Net cost (all expenditure) per<br>ton ... ..                                           | 18 6            | 1 10              | 20 4        |
|      |                                                                                        | £               | £                 | £           |
| 8    | Net cost per 1,000 population ...                                                      | 424             | 42                | 466         |
| 9    | Net cost per 1,000 premises ...                                                        | 1395            | 137               | 1532        |

\*—Includes £660 contribution to Motor Vehicles Renewal Provision Account.

|                                                           |     |     |               |
|-----------------------------------------------------------|-----|-----|---------------|
| Population at 30th June, 1951                             | ... | ... | 24350 persons |
| Total refuse collected (Test Weighings)                   | ... | ... | 11157 tons    |
| Weight per 1,000 population per day (365 days to year)... | ... | ... | 25.10 cwts.   |
| Number of premises from which refuse is collected         | ... | ... | 7407 premises |

When considering the above Cost Statement, it should be borne in mind that a capital expenditure of £1,002 (item 4) was incurred in culverting one-hundred yards of the brook course at Commonside tip.

### SALVAGE.

It was obvious to all that the high prices obtained during 1951 for all grades of waste paper, could not long continue. Hence, the rapid decline in such prices during the year under review came as no surprise. For example, where the price of mixed waste paper in December, 1951, was £16 per ton, successive reductions in April, May and July, reduced this amount to £7/10/0d. per ton.

With the reduction in prices also came the limitation of supplies to the Mills, by the introduction of the quota system—our quota being 13 tons of mixed waste paper per month. This, of necessity, called for some reduction in the scope of collections and hence most of the waste paper arriving at the tips had to be burnt.

Naturally the income derived from salvage was reduced accordingly, and in considering the table below it will be seen that there was a reduction to the extent of £732/10/10d. when compared with the yearly total for 1951.

The collection of textiles showed an appreciable increase during the year and proved a very satisfactory source of income.

It was thought at one time that the salvaging of tins from the three controlled tips had been satisfactorily solved, in as much as arrangements were made with a merchant to undertake regular collections. The latter, however, proved to be few and far between and eventually finished altogether.

A separate collection of waste paper salvage, etc., is undertaken, employing a lorry and two men (including the driver), from shops and business premises, etc., on Monday, Tuesday, Thursday, and Friday afternoon each week.

Collection of salvage is also carried out by the three refuse collection gangs during the course of their normal duties, each lorry having a special detachable rack holding three canvas sacks, fixed to the rear doors.

# SUMMARY OF SALVAGE COLLECTED.

## YEARS 1948 TO 1952.

| Year | Bones      | Bottles<br>and Jars | Tins       | Cullet     | Ferrous<br>Metals | Non-<br>Ferrous<br>Metals | Kitchen<br>Waste | Paper      | Textiles   | Income     |
|------|------------|---------------------|------------|------------|-------------------|---------------------------|------------------|------------|------------|------------|
|      | T. C. lbs. | T. C. lbs.          | T. C. lbs. | T. C. lbs. | T. C. lbs.        | T. C. lbs.                | T. C. lbs.       | T. C. lbs. | T. C. lbs. | £ s. d.    |
| 1948 | 1 11 84    | 7 17 84             | 0 0 0      | 0 0 0      | 17 5 0            | 0 14 95                   | 169 14 84        | 132 14 28  | 15 2 84    | 1569 5 3   |
| 1949 | 0 11 28    | 8 14 84             | 5 16 84    | 0 0 0      | 15 5 84           | 0 16 42                   | 152 7 56         | 66 6 42    | 13 19 0    | 1152 8 7   |
| 1950 | 0 0 0      | 0 0 0               | 0 0 0      | 0 0 0      | 8 3 0             | 0 14 10                   | 111 3 28         | 103 16 84  | 10 2 78    | 1132 19 11 |
| 1951 | 0 0 0      | 1 18 0              | 6 18 0     | 0 10 0     | 16 10 56          | 0 10 28                   | 92 11 56         | 174 13 70  | 12 7 84    | 3566 6 4   |
| 1952 | 0 0 0      | 0 0 0               | 12 3 0     | 0 0 0      | 21 5 98           | 0 15 3                    | 76 4 56          | 180 2 56   | 20 16 61   | 2833 15 6  |

## PUBLIC CONVENIENCES.

Set out hereunder are the incomes derived from the Public Conveniences, during the year :—

|                                      |     |     |     |     | £   | s. | d. |
|--------------------------------------|-----|-----|-----|-----|-----|----|----|
| HEANOR—Market Place                  | ... | ... | ... | ... | 87  | 11 | 7  |
| Mayfield Avenue                      | ... | ... | ... | ... | 4   | 16 | 2  |
| Town Ground                          | ... | ... | ... | ... | 1   | 8  | 0  |
| CODNOR—Market Place                  | ... | ... | ... | ... | 19  | 13 | 4  |
| LANGLEY MILL—Milnhay Road (6 months) | ... |     |     | ... | 17  | 7  | 5  |
| Total                                |     |     |     |     | 130 | 16 | 6  |

Income from the conveniences increased to the extent of £13/8/5d., when compared with last year's receipts.

Weighing machines are installed in Mayfield Avenue ; Market Place, Codnor ; and Langley Mill, public conveniences, and a rental of £31 per year is paid by a Leicester firm for the privilege.

The new public conveniences at Milnhay Road, Langley Mill, were completed during the month of June. Before many weeks had passed, chain pulls had been stolen from the flushing cisterns, a stopper from the wash-hand basin and even part of a chromium tap had disappeared.

The provision of new public conveniences at the Market Place, Heanor, is an urgent necessity. It is hoped that building operations will at least have started before the close of 1953.

## SANITARY CONDITIONS OF CINEMAS, THEATRES, ETC.

Periodic visits were made to the above premises, and all were found to be satisfactorily maintained.

## PREVENTION OF DAMAGE BY PESTS ACT, 1949.

Set out below is a summary of the last sewer treatment of the year, undertaken during the period 15th September to 1st October.

| Section.                | No. of<br>Manholes<br>Baited. | Poison Takes |          |           | No. of<br>Dead<br>Rats<br>Found. |
|-------------------------|-------------------------------|--------------|----------|-----------|----------------------------------|
|                         |                               | Complete     | Partial. | No Takes. |                                  |
| 1—Heanor ... ..         | 17                            | 1            | 2        | 14        | 1                                |
| 2—Heanor ... ..         | 4                             | 0            | 0        | 4         | —                                |
| 3—Langley & Marlpool... | 4                             | 0            | 0        | 4         | —                                |
| 4—Langley Mill ... ..   | 9                             | 0            | 2        | 7         | —                                |
| 5—Loscoe ... ..         | 7                             | 1            | 1        | 5         | 1                                |
| 6—Codnor ... ..         | 10                            | 0            | 0        | 10        | —                                |
| 7—Woodlinkin ... ..     | 4                             | 0            | 0        | 4         | —                                |
| TOTALS ... ..           | 55                            | 2            | 5        | 48        | 2                                |

Treatment of the sewers was, of course, also carried out during the months of February and March. The results obtained from both treatments emphasised the fact that the sewer rat population in this district is relatively low. Sewer treatments are undertaken at intervals of six months.

One part-time Rodent Operative, Mr. F. Green, is employed, and regular systematic inspections and treatments, where necessary, are undertaken at all properties owned by the Council, including Council house estates, controlled tips, sewage works, depots, etc. Private dwelling-houses are treated free of charge.

The consistent use of Warfarin in dealing with infestations of mice, has convinced me that this poison is the best weapon we have yet had for the effective extermination of this species of rodent.

Once again I would like to express to the Divisional Rodent Officer, Mr. Mead, my appreciation of his ready co-operation during the year.

## INSPECTION AND SUPERVISION OF FOOD.

Set out hereunder is a list of Meat and Other Foods inspected during the year and found to be unfit for human consumption :—

|       |       |                          |
|-------|-------|--------------------------|
| 1,716 | Tins  | Tomatoes                 |
| 192   | „     | Beans                    |
| 87    | „     | Peas                     |
| 29    | „     | Soup                     |
| 56    | „     | Other vegetables         |
| 413   | „     | Luncheon Meat            |
| 23    | „     | Meat Loaf                |
| 110   | „     | Ham                      |
| 3     | „     | Pork Hearts              |
| 219   | „     | Pork                     |
| 208   | „     | Rabbit                   |
| 1     | „     | Chicken                  |
| 5     | „     | Tongue                   |
| 26    | „     | Stewed Steak             |
| 9     | „     | Jellied Veal             |
| 1     | „     | Steak and Kidney Pudding |
| 4     | „     | Irish Stew               |
| 15    | „     | Mince Meat               |
| 227   | „     | Fish and Fish Paste      |
| 2,886 | „     | Fruit and Fruit Salad    |
| 7     | „     | Jam                      |
| 5     | Btls. | Sauce                    |
| 45    | „     | Coffee                   |
| 22    | Pkts. | Cheese Spread            |
| 21    | „     | Tea                      |
| 2     | „     | Wheat                    |
| 3     | „     | Chocolate                |
| 194   |       | Chocolate Tea Cakes      |
| 472   | Eggs  |                          |
| 25    | lbs.  | Ham                      |
| 52    | „     | Fish                     |
| 26    | „     | Bacon                    |

As stated in the introduction to my report, a concerted effort was made to inspect all food premises in the district during the course of the year. At the outset, I would like to pay tribute to Mr. E. Wheeler, your Additional Sanitary Inspector, for the efficient manner in which he undertook the bulk of the survey.

Since the Clean Food Campaign commenced during the latter part of the year 1951, it was considered best to include a full summary of the inspections carried out and the various defects etc. found, as set out below :—

|                                                      | Type of Food Shop |                                   |          |                                    |                                       |                                          |                   |                   | Totals. |
|------------------------------------------------------|-------------------|-----------------------------------|----------|------------------------------------|---------------------------------------|------------------------------------------|-------------------|-------------------|---------|
|                                                      | Bakehouses.       | Beer-off's and General Provisions | Butchers | Cafes and Catering Establishments. | Confectioners and General Provisions. | Fried Fish Shops and General Provisions. | Fried Fish Shops. | Fish Shops (Wet). |         |
| No. of Premises inspected ...                        | 11                | 12                                | 32       | 11                                 | 141                                   | 4                                        | 24                | 4                 | 239     |
| Defective floors, walls and ceilings ... ..          | 2                 | 3                                 | 8        |                                    | 18                                    |                                          | 2                 |                   | 33      |
| Walls and ceilings requiring redecoration ... ..     | 3                 | 1                                 | 10       |                                    | 42                                    |                                          | 3                 |                   | 59      |
| Defective roofs ... ..                               |                   |                                   | 1        |                                    | 3                                     |                                          | 1                 |                   | 5       |
| Insufficient sanitary accommodation ... ..           |                   |                                   |          |                                    | 4                                     |                                          | 1                 |                   | 5       |
| Defective water closets ... ..                       |                   |                                   | 1        |                                    | 5                                     |                                          |                   |                   | 6       |
| Defective urinals ... ..                             |                   |                                   |          |                                    | 1                                     |                                          |                   |                   | 1       |
| No proper washing facilities ...                     | 1                 |                                   | 12       |                                    | 13                                    |                                          | 2                 |                   | 28      |
| No constant supply of hot water                      | 1                 |                                   | 7        |                                    | 21                                    |                                          | 1                 | 1                 | 31      |
| Dirty utensils ... ..                                | 1                 |                                   | 3        |                                    |                                       |                                          |                   |                   | 4       |
| Defective counters, slabs and chopping blocks ... .. | 1                 |                                   | 7        |                                    | 1                                     |                                          |                   |                   | 9       |
| Floors requiring cleansing ...                       | 1                 |                                   | 1        |                                    | 3                                     |                                          |                   |                   | 5       |
| Letters sent ... ..                                  | 2                 | 4                                 | 16       |                                    | 38                                    |                                          | 4                 | 1                 | 65      |

Initial inspections having been completed, further visits were paid to food shops requiring improvements or repairs. Set out below therefore is a summary of the work carried out at these premises since the survey was undertaken.

|                                        | General Provisions. | Wet Fish Shops. | Butchers Shops. | Bakehouses | Fried Fish Shops. |
|----------------------------------------|---------------------|-----------------|-----------------|------------|-------------------|
| Walls etc., redecorated ... ..         | 23                  | —               | 5               | 1          | 2                 |
| Floors, walls etc., repaired ... ..    | 11                  | —               | 4               | 1          | 2                 |
| Constant hot water provided ... ..     | 10                  | 1               | 5               | 1          | 1                 |
| Washing facilities provided... ..      | 5                   | —               | 3               | —          | —                 |
| Additional W.C. Accommodation provided | 1                   | —               | —               | —          | —                 |
| Water closets repaired ... ..          | 1                   | —               | —               | —          | —                 |
| Counters, chopping blocks renewed ...  | —                   | —               | 3               | —          | —                 |
| Other repairs effected ... ..          | 2                   | —               | —               | —          | 2                 |

It is said that "familiarity breeds contempt" and this expression could perhaps be aptly applied to those proprietors who had become so "familiar" with the dingy and dismal appearance of their shop walls and ceilings that they failed to realise the need for having complete redecoration carried out. It was only necessary to point out this need and ready co-operation was forthcoming.

During an inspection of a certain general store the "picture" from the customers side of the counter was one of orderly neatness, cleanliness and goods attractively displayed. From behind the counter the view was less encouraging for floor sweepings had been merely pushed under the bottom shelves and a considerable quantity of coal was stored under the counter ! !

A great deal of difficulty was experienced in obtaining the satisfactory repair of a certain bakehouse in this district, together with an improvement in the general cleanliness of the premises. Work in excess of the capacity of the bakehouse and the employees was undertaken with the consequent result that insufficient attention was paid to the hygiene of production, and only sporadic attempts made to comply with the requirements of your Health Department in regard to structural repairs and alterations. Finally, service of notice under the Food and Drugs Act, convinced

the proprietor concerned that the patience, forbearance and the numerous visits and interviews necessary over a series of months, were by no means signs of weakness but rather the "mailed fist in the velvet glove."

### Public Houses.

A survey of public houses was undertaken and completed during the year, and the undermentioned summary gives a clear indication of conditions obtaining.

| Ward                | No. of Public Houses. | No. of Informal Notices served | Insufficient W.C. Accommodation | Defective Sanitary Accommodation. |    | Other Defects. | No proper facilities for washing glasses | Detergents not in use | No. found to be in all respects satisfactory. |
|---------------------|-----------------------|--------------------------------|---------------------------------|-----------------------------------|----|----------------|------------------------------------------|-----------------------|-----------------------------------------------|
|                     |                       |                                |                                 | M                                 | F  |                |                                          |                       |                                               |
|                     |                       |                                |                                 |                                   |    |                |                                          |                       |                                               |
| Codnor ... ..       | 9                     | 6                              | —                               | 3                                 | 5  | 3              | 1                                        | —                     | 3                                             |
| Woodlinkin ... ..   | 1                     | 1                              | —                               | 1                                 | 1  | —              | —                                        | —                     | 1                                             |
| Stoneyford ... ..   | 1                     | —                              | —                               | —                                 | —  | —              | —                                        | —                     | 1                                             |
| Loscoe ... ..       | 4                     | —                              | —                               | —                                 | —  | —              | —                                        | —                     | 4                                             |
| Heanor ... ..       | 11                    | 8                              | —                               | 1                                 | 4  | 4              | —                                        | 3                     | 1                                             |
| Marlpool ... ..     | 3                     | 2                              | —                               | 1                                 | 1  | 1              | —                                        | 1                     | —                                             |
| Langley ... ..      | 2                     | 1                              | —                               | —                                 | 1  | 1              | 1                                        | —                     | 1                                             |
| Langley Mill ... .. | 6                     | 5                              | 1                               | 2                                 | 2  | 4              | —                                        | —                     | 1                                             |
| Totals ... ..       | 37                    | 23                             | 1                               | 8                                 | 14 | 13             | 2                                        | 4                     | 11                                            |

As regards work effected at these premises during 1952, in accordance with the requirements of your Health Department, Mundy Arms Public House was provided with entirely new sanitary accommodation for males and females.

At the White Lion Public House, satisfactory means of flushing the urinal were provided and a new roof constructed ; the cellar floor was also repaired.

At the Lord Nelson Public House, new floors were laid in the water closet compartment.

## MILK SUPPLY.

MILK SAMPLES.—During the year 46 samples of milk were obtained and sent to the County Laboratory at Derby for examination.

Summaries of the Bacteriologist's Reports are set out hereunder:—

### MILK PRODUCED WITHIN THE DISTRICT.

| <i>Test</i>         | <i>No. of<br/>Samples<br/>Satisfactory</i> | <i>No. of<br/>Samples<br/>Un-<br/>satisfactory</i> | <i>Total</i> | <i>Percentage<br/>of Samples<br/>Un-<br/>satisfactory</i> |
|---------------------|--------------------------------------------|----------------------------------------------------|--------------|-----------------------------------------------------------|
| Methylene Blue Test | 15                                         | 4                                                  | 19           | 21.05                                                     |
| Tubercule Bacilli   | 18                                         | 1                                                  | 19           | 5.26                                                      |
| Total ...           | 33                                         | 5                                                  | 38           | 13.15                                                     |

### MILK PRODUCED OUTSIDE THE DISTRICT.

| <i>Test</i>           | <i>No. of<br/>Samples<br/>Satisfactory</i> | <i>No. of<br/>Samples<br/>Un-<br/>satisfactory</i> | <i>Total</i> | <i>Percentage<br/>of Samples<br/>Un-<br/>satisfactory</i> |
|-----------------------|--------------------------------------------|----------------------------------------------------|--------------|-----------------------------------------------------------|
| Methylene Blue Test   | 15                                         | 5                                                  | 20           | 25.00                                                     |
| Phosphatase ...       | 11                                         | 1                                                  | 12           | 8.33                                                      |
| Tubercule Bacilli ... | 13                                         | —                                                  | 13           | Nil.                                                      |
| Total ...             | 39                                         | 6                                                  | 45           | 13.33                                                     |

There has been an improvement in the hygienic quality of the milk produced within the district but a deterioration in that produced outside the district.

More samples than ever before have been taken for biological examination, and as can be seen from the above tables, one sample of milk produced within the district was found to contain tubercle bacilli. On receiving this information immediate steps were taken

to prohibit the sale of raw milk from the farm in question, and arrangements made to divert the supply for pasteurisation. Subsequently the infected cow was isolated and slaughtered.

Registrations made under the Milk & Dairies Regulations, 1949:—

|                                    |     |     |     |     |    |
|------------------------------------|-----|-----|-----|-----|----|
| Distributors in the area           | ... | ... | ... | ... | 10 |
| Distributors from outside the area | ... | ... | ... | ... | 7  |
| Dairies (other than Dairy Farms)   | ... | ... | ... | ... | 7  |

Licences granted by the Council authorising the use of special designations, during the year:—

(a) **Dealers :**

|                   |     |     |     |     |   |
|-------------------|-----|-----|-----|-----|---|
| Tuberculin Tested | ... | ... | ... | ... | 8 |
| Pasteurised       | ... | ... | ... | ... | 6 |

(b) **Supplementary :**

|                   |     |     |     |     |   |
|-------------------|-----|-----|-----|-----|---|
| Tuberculin Tested | ... | ... | ... | ... | 6 |
| Accredited        | ... | ... | ... | ... | 1 |
| Pasteurised       | ... | ... | ... | ... | 7 |
| Sterilised        | ... | ... | ... | ... | 1 |

## FOOD AND DRUGS ACT, 1938.

Mr. R. W. Sutton, B.Sc., F.R.I.C., F.C.S., County Analyst, has kindly supplied particulars of samples taken in this district on behalf of the County Council as the Food and Drugs Authority.

Eighty-nine samples, including forty-five milks, were taken during the year.

Two samples of milk were deficient in fat. These were both from one vendor, who was cautioned.

Two samples of Compound Codeine Tablets—an informal followed by a formal sample—were deficient in Phenacetin and Codeine and the manufacturers were cautioned.

The remaining samples were all classed as satisfactory.

## ICE CREAM.

ICE CREAM SAMPLES.—During the year 21 samples of ice-cream were obtained and sent to the County Laboratory at Derby, for examination.

A summary of the Bacteriologist's Reports is set out hereunder:—

| Where Manufactured.         | Classification:<br>Provisional Grade |   |   |   | Total |
|-----------------------------|--------------------------------------|---|---|---|-------|
|                             | 1                                    | 2 | 3 | 4 |       |
| Within the district ... ..  | 2                                    | 1 | — | — | 3     |
| Outside the district ... .. | 10                                   | 7 | 1 | — | 18    |
| Totals ... ..               | 12                                   | 8 | 1 | — | 21    |

Three samples of ice-cream were also obtained from manufacturers in this district, for examination by the County Analyst for "fat content." The results were as follows :—

| Code Number. | Percentage Fat. |
|--------------|-----------------|
| 8            | 6               |
| 9            | 11.1            |
| 10           | 3               |

## OFFENSIVE TRADES.

The two Offensive Trade establishments were reasonably maintained during the year.

## HEALTH EDUCATION.

Suitable posters were obtained from the Central Council for Health Education and displayed on the Empire Marketing Boards.

## WELFARE OF OLD PEOPLE.

As the years pass by, the welfare of old people becomes of major importance since medical science gradually increases the expectation of life. Yet, of what use will it be to many if in living longer they avoid the onset of disease or infirmity only to become stricken with loneliness, boredom, and the feeling that they have only survived to be "in the way."

Longfellow in his poem *Morituri Salutamus*, said :  
"For age is opportunity no less  
Than Youth itself, though in another dress."

Provide then the "opportunity" and the aged will not be slow to prove their usefulness ; to prove that they too can still make a real contribution to life. The year under review saw active steps taken to achieve this end.

In January, a public meeting was held in the Town Hall, Heanor, in order that a Provisional Committee might be elected to consider the formation of a Welfare Committee. To this meeting came delegates from thirty-three local organisations. Subsequently the Heanor Urban District Old People's Welfare Committee was formed, having as its Chairman the Chairman of the Council, and your Chief Sanitary Inspector as Hon. Secretary and Treasurer.

This Committee met once a month during the year and much useful work was accomplished.

Because of the rather scattered nature of the district together with the fact that the "old parochial spirit" is by no means like the Dodo—dead, it was thought best that each ward in the area should have its own Social Centre for old people. Much time was, therefore, devoted by the Committee to choosing suitable sites on which to erect such premises. Whilst this presented not a few difficulties, the greatest stumbling block of all proved to be the finding of suitable ways and means to raise sufficient funds to finance the erection of social centres. This problem still remained largely unsolved as the year came to a close.

In order to raise funds, flag days were held on the 18th and 19th July, and the sum of £66/9/7d. was collected.

Through the kindness of the Trustees of the Marlpool Congregational Church, accommodation was provided for use, one afternoon each week, as a social centre for old folks—and so the Marlpool Darby and Joan Club came into being.

From the very outset, this club has flourished and will continue to do so because of the excellent spirit of fellowship and helpfulness which pervades its members and all connected with it. Some eighty members now meet once a week and enjoy good fellowship and interesting social activities.

I am sure that in due course each ward will have a Social Centre for Old People, but at the same time feel that this fine ideal could be more readily achieved if only local branches of the National Federation of Old Age Pensions Associations, would view with less suspicion the earnest endeavours of the Council and the Urban District Old People's Welfare Committee to achieve this end.

## NATIONAL ASSISTANCE ACT.

It was not necessary during the year to take any action under the above Act.

## SHOPS ACT.

These duties are performed by Mr. C. G. Bassford.

The following table shows the number of premises and businesses which come under the jurisdiction of the Shops Act and the Young Persons Employment Act :—

|                                                                                        |     |     |     |     |     |     |     |
|----------------------------------------------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|
| Retail Shops                                                                           | ... | ... | ... | ... | ... | ... | 368 |
| Street Traders                                                                         | ... | ... | ... | ... | ... | ... | 29  |
| Wholesale Warehouses                                                                   | ... | ... | ... | ... | ... | ... | 5   |
| Canteens                                                                               | ... | ... | ... | ... | ... | ... | 9   |
| Premises and Businesses where young persons are employed (not under the Factories Act) | ... | ... | ... | ... | ... | ... | 5   |
| Total                                                                                  | ... | ... | ... | ... | ... | ... | 416 |

Of the retail shops, 161 employ assistants.

211 Evenings and 22 Sundays, were devoted by your Shops Inspector during the year in carrying out his duties.

276 Visits were made during the year ; 22 notices were served and 21 notices abated—these notices were served in the main, for omitting to display the necessary forms required by the various sections of the Act.

In conclusion, I desire to express my thanks to the Council, and to the Chairman and Members of the Health Committee for their support and interest during the year ; also to the Medical Officer of Health, the Clerk, my colleagues in other departments for their valuable co-operation, and to the staff of the Health Department for the efficient manner in which they have carried out their duties.

Your obedient Servant,

H. W. JEFFORD,

*Chief Sanitary Inspector*









